directory of canadian universities

répertoire des universités canadiennes

1986-1987

Kimberley Allen
Editor — Rédacteur

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of Canada

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Le rédacteur tient à mentionner la collaboration des personnes suivantes: Ann Allain, Myra Lynn, Joan Garnett, Andrée Quesnel-Bédard, Sylvie Dorion.

Foreword

The *Directory of Canadian Universities* is a comprehensive guide to the 82 member institutions of the Association of Universities and Colleges of Canada. This is the twenty-sixth edition of the directory: between 1958 and 1980 it was updated annually; the directory is now published every two years. A useful reference on higher education in Canada, the directory has been designed to meet the needs of universities, secondary schools, students, academics and the public both within Canada and abroad.

This edition of the *Directory of Canadian Universities* begins with an article, researched and written by Christine Tausig. Entitled "Canadian Universities at a Glance", the article describes the main features of the university scene in Canada - both nationally and provincially, including history and development, government and financing, research, student services and much more. Students, researchers, and the casual reader will find much of interest, whether they read the entire text or simply skim sections of particular interest. A select bibliography has been provided as a guide for further reading.

Individual chapters on each of the AUCC's member institutions make up the major section of the directory. The chapters outline the institution's history, programs of study, undergraduate and graduate admission requirements, tuition fees and other costs, academic year, grading system, research facilities, and student housing, services and activities. Information on daycare, ombudsmen and services for the disabled has been included wherever possible. Statistical data on enrolment, staff and budgets are also provided in an easy-to-read format.

The final section of the *Directory of Canadian Universities* lists the degree, diploma and certificate programs offered across Canada. Complete alphabetical indices to this program guide and to the institution chapters are also included.

The information contained in this volume is accurate and complete as of Spring 1986. Readers are advised to check with individual institutions concerning specific programs and fees. The AUCC thanks the registrars and other staff of its member institutions for their co-operation in the preparation of the 1986-1987 edition of the *Directory of Canadian Universities.*

D.L. Johnston
President
Association of Universities and Colleges of Canada

Avant-propos

Le *Répertoire des universités canadiennes* est un guide détaillé des quatre-vingt-deux établissements membres de l'Association des Universités et Collèges du Canada. C'est la vingt-sixième édition du répertoire: de 1958 à 1980, cette publication était mise à jour annuellement; elle paraît maintenant tous les deux ans. Guide utile de l'enseignement supérieur au Canada, cet ouvrage vise à répondre aux besoins des universités, des écoles secondaires, des étudiants, des enseignants et du grand public, au Canada et à l'étranger.

Cette fois, le *Répertoire des universités canadiennes* s'ouvre sur un article documenté et rédigé par M^{me} Christine Tausig. Cet article, intitulé "Coup d'oeil sur les universités canadiennes", décrit les principales caractéristiques de la collectivité universitaire au Canada, tant sur le plan national que provincial, y compris l'origine et l'évolution, le rôle du gouvernement et le financement, la recherche, les services aux étudiants et davantage.

Étudiants, chercheurs et profanes le trouveront incontestablement instructif, qu'ils le lisent en entier ou s'en tiennent aux sections d'intérêt particulier. Une bibliographie sélective est ajoutée, à titre de guide, à l'intention de ceux qui désirent se renseigner davantage.

Le gros du répertoire est formé de chapitres consacrés à chacun des établissements membres de l'AUCC. On y trouve l'historique de l'établissement, ses programmes d'études, les conditions d'admission aux niveaux du baccalauréat et des grades supérieurs, les droits de scolarité et autres frais, l'année universitaire, le système de notation, les installations pour la recherche ainsi que le logement, les services, et les activités à l'intention des étudiants. Nous avons ajouté dans la mesure du possible des renseignements sur les garderies, les ombudsmen et les services aux handicapés. La présentation des données statistiques sur les inscriptions, le corps professoral et le budget en facilite la lecture.

La dernière partie du *Répertoire des universités canadiennes* renferme une liste des programmes préparant à un grade, un diplôme ou un certificat, offerts d'un bout à l'autre du Canada. Des index alphabétiques complets de ce guide des programmes et des chapitres concernant les établissements sont également inclus dans cette section.

Les renseignements contenus dans le présent volume étaient exacts et complets au printemps 1986. Les lecteurs voudront bien s'adresser aux divers établissements pour obtenir des renseignements sur les programmes et les frais particuliers. L'AUCC remercie les secrétaires généraux et autres membres du personnel des établissements membres de leur collaboration à la mise au point de l'édition de 1986-1987 du *Répertoire des universités canadiennes.*

D.L. Johnston
Président
Association des Universités et Collèges du Canada

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Canadian Universities at a Glance

by Christine Tausig

Christine Tausig is an information officer with the Association of Universities and Colleges of Canada (AUCC). Ms Tausig is a former freelance writer specializing in higher education and, during a previous affiliation with AUCC, was a staff writer with the Association's newsmagazine University Affairs.

Canadian Universities at a Glance was commissioned by the AUCC for the 1984-1985 edition of this directory. It has been substantially revised and updated by Ms Tausig for this edition.

A wide variety

Some stretch over dozens of downtown city blocks, surrounded by the bustle of urban life. Others are nestled in the rural tranquillity of quiet countryside settings. Still others boast pastoral ivy-covered campuses in small Canadian towns.

Canadian universities, like the country itself, provide a diversity of experiences. Some are large institutions, offering a complete range of undergraduate, graduate and professional degrees. Others are small, specializing in liberal arts, engineering or art and design. Some of Canada's universities are French, some English; a number are bilingual. Some pride themselves on a long heritage of religious tradition. Others were granted royal charters or were founded by provincial governments. And one Canadian university is controlled by native people, the Federation of Saskatchewan Indian Nations.

Whatever the needs, career goals or interests of prospective students, they will doubtless find a Canadian university to suit them.

Canada's institutions of higher learning have proven an influential and integral part of Canadian society, serving the country in many vital ways.

Universities provide an education designed to develop an individual's critical and creative abilities. They also develop highly qualified manpower, both through general arts and science courses and in such specialized programs as agriculture, architecture, engineering, law or medicine.

Universities touch the daily lives of Canadians in many ways. By mounting events such as science fairs, orientation programs and campus tours, universities provide opportunities, particularly for young people, to become familiar with postsecondary education choices. University professors and students provide counselling services, run medical and dental clinics and help community groups to plan better neighbourhoods. Professors are invited to speak to community groups and often offer lectures on their special interests to the general public. Universities contribute to the country's cultural mosaic encouraging study in languages, literature, art, drama, dance, music and film. Members of the local community are free to use university sports, library and meeting facilities while university theatres, art galleries and museums often provide a cultural focus for a community.

From saving lives by developing new drugs and surgical techniques to helping farmers to grow new and better crops, research conducted at universities and colleges across the country improves the lives of all Canadians. Some research — such as the discovery of insulin or the development of the electronic pacemaker at the University of Toronto — has an immediate, dramatic impact. The first hockey helmet approved for competitive use, for example, was developed and tested at the University of Ottawa. Scientists at Saskatchewan and Manitoba universities are responsible for the development of canola, rapidly becoming one of Canada's most important cash crops. But the less dramatic work being conducted by basic researchers at the country's universities is equally important. Basic research into the atmosphere of Mars, for instance, has led to the development of highly sensitive chemical "sniffers" which can improve security at airports by testing for explosives and other illegal cargo.

Today increasing numbers of Canadians are taking advantage of the multi-faceted and rewarding experiences offered by their universities. In fact, more than a quarter of the country's high school graduates continue their education at a university, although many do not complete a degree.

In 1985-1986 full-time enrolment at Canadian universities rose for the seventh year in a row. Preliminary figures from Statistics Canada show that in that year full-time undergraduate enrolment stood at 413,350, while another 246,100 men and women of all ages were pursuing part-time undergraduate studies. An additional 54,300 full-time and 33,750 part-time students were enrolled at the graduate level.

Well over 100,000 degrees are awarded at Canadian universities every year. Approximately 1.4 million Canadians — eight per cent of the country's population over the age of 15 — hold university degrees, and almost 18 per cent of Canadians over the age of 20 have some university education.

Eighty-two institutions of higher education are members of the Association of Universities and Colleges of Canada, a voluntary association of degree-level universities and university colleges. Of these, 61 are English-speaking, 16 use French as the language of instruction, and 5 are bilingual. In addition, a number of English-language universities have French-language faculties or affiliated colleges.

With one exception, the institutions are coeducational: Brescia College, affiliated with the University of Western Ontario, is for women only; Mount Saint Vincent University in Halifax, Nova Scotia, is predominantly for women, but men are admitted as non-resident students.

Canada's university network stretches from the Atlantic shores of Newfoundland in the east to Victoria, British Columbia at Canada's western edge, from the most southern, located in Windsor, Ontario, to Athabasca University, Canada's most northerly institution.

Definitions

When is a university not a university? The answer to that question is no less difficult than the task of defining the university itself. In the field of higher education terms can often be confusing. For example, an institution that grants degrees is normally called a university but in some cases may also be called a college, an institute or a school. The following definitions are meant as a guide to clarify some of the terms used.

College: The word *college* can be used to refer to a number of different institutions. A college may be the equivalent of a university, a full-fledged institution of higher learning with the power to grant degrees. It may, however, also be a specialized teaching unit within a university. Or, in fact, it may be simply a small part of a larger university. The term college is also used to refer to non-degree-granting institutions that offer technical or vocational postsecondary courses or courses for transfer to a university. Such institutions are often called *community colleges* or, in Québec, the General and vocational college/Collège d'enseignement général et professionnel (CEGEP).

Institute: A degree-granting institution may occasionally call itself an *institute*. However, the term is more commonly used to designate research facilities, or multidisciplinary study groups, often within a university.

Faculty, school: There is more room for confusion here. *Faculty* can refer to members of the university teaching and research staff (i.e. faculty members). The term, however, can also mean an academic unit of a university (faculty of medicine, for example). The word *school* can sometimes be used in the same way to refer to a segment of a university, such as school of law.

Federated, affiliated, constituent: Universities and colleges can be associated with "parent" institutions in a number of ways. A *federated* college or university generally has a high degree of independence and is responsible for its own administration. Federated colleges can grant degrees but hold this power "in abeyance" (temporarily suspended) while the federation exists. Some federated colleges suspend only part of their degree-granting powers. They may, for example, retain the right to grant degrees in theology but not in arts and sciences.

Affiliated institutions, like federated colleges, are responsible for their own administration. However, affiliated colleges do not have the power to grant degrees. In both affiliated and federated institutions, the parent university generally supervises the teaching of all subjects covered by the federation or affiliation agreement and also grants degrees in these fields.

Constituent universities and colleges are fully incorporated into their parent institutions and are considered integral parts in both administrative and academic matters.

Degrees, programs: There are generally three levels of degrees available at Canadian universities: bachelor's, master's and doctorate or PhD. A general (also called "pass") bachelor's degree in arts and sciences usually takes three years of study. An honours degree requires an additional year. Programs leading to first professional degrees generally take even longer. The minimum time required for a master's degree after an honours bachelor is one year, while a PhD takes at least another two years after that. A program is a selected series of courses leading to a degree, diploma or certificate.

Continuing education and special programs: Universities offer a variety of innovative programs that serve the needs of a broad cross-section of the Canadian public. Special programs available at a number of universities include short courses leading to professional certification, interdisciplinary studies and courses aimed at particular groups in the community, such as native people. Continuing education programs include courses taught in the evening or intersession (usually in the summer term) and those held off-campus. Continuing education may also include *distance education programs*.

Distance education involves the physical separation of teacher and learner as well as the use of such tools as television broadcasts, correspondence courses, audiotapes and computer links to convey information.

Many of the programs and courses taught by universities are now offered on a part-time basis. Part-time students can enrol for up to 60 per cent of a full course load (or as much as 80 per cent in Quebec). Because of a growing interest in part-time education in recent years, universities are now offering many courses in the evening or summer session.

Higher education, postsecondary education: Higher education refers to universities and degree-granting colleges; postsecondary refers both to degree-granting universities and colleges and to technical, vocational or community colleges that offer diploma programs.

Origins and Development

It was in 1663—almost 130 years after Jacques Cartier first set foot on Canadian soil and a mere 43 years after the Pilgrims landed at Plymouth Rock—that higher education in Canada was born. Msgr. de Laval, first bishop of New France, set up the Séminaire de Québec in that year; located in Quebec City, it was intended mainly as an institution to train young men for the priesthood. The Séminaire was the base upon which Université Laval was established nearly two hundred years later.

Canadian universities have their roots in a mixture of religious, government and private support. Their prototypes range from English and Scottish universities such as Oxford, Cambridge and Edinburgh, to American liberal arts colleges and state universities, to French collèges classiques.

The first English-speaking university in Canada was the University of New Brunswick, established in Fredericton in 1785 as the Academy of Arts and Science. It was followed by the University of King's College, located first in Windsor, Nova Scotia and later in Halifax. Sponsored by the Church of England, King's College opened its doors in 1789.

At this time private citizens, too, began to establish Canadian universities. In 1813 the Honourable James McGill, a prominent citizen of Montreal, died leaving land and money to be used to found a college or university. Named after its benefactor, the University of McGill College opened with a faculty of medicine in 1829.

By 1867 there were 18 degree-granting institutions serving about 3.5 million people in the four provinces (Nova Scotia, New Brunswick, Ontario and Quebec) that made up the Dominion of Canada. Most were small — only five (Laval, McGill, Toronto, Trinity and Victoria) had more than 100 students. Teaching was concentrated in such areas as theology, medicine, law and arts. Until 1875 all graduates were men. In that year, after some controversy, New Brunswick's Mount Allison University was the first to grant a bachelor's degree to a woman.

In the western provinces, provincial governments played the major role in creating universities. Alberta, Saskatchewan and British Columbia chartered provincial universities in quick succession during the early years of this century.

Except for the years during and after the two world wars, Canadian universities grew more or less steadily until the 1950s, adding more students and areas of study, developing graduate schools and increasing research facilities. But the coming of age of the post-war "baby boom generation" during the 1960s brought spectacular university development: full-time enrolment doubled between 1955 and 1962, and again between 1962 and 1969. Part-time enrolment, too, skyrocketed and more students began to opt for graduate work. During this period of strong growth 19 new institutions received provincial charters. At the same time non-university postsecondary institutions such as community colleges, offering both job-related training and pre-university programs, were created rapidly across the country.

Associated with this era of rapid growth was a period of general unrest on university campuses both in Canada and abroad. University teachers began to feel the need for greater involvement in the decision-making processes of the university, including representation on boards and senates, and a say in the selection of administrators at all levels. Efforts to secure this larger role were strengthened by the publication in 1966 of *University Government in Canada*, written by Sir James Duff and Professor R.O. Berdahl, and commissioned jointly by the Association of Universities and Colleges of Canada (AUCC) and the Canadian Association of University Teachers (CAUT). During this time students, too, demanded a more accountable administration and a voice in university affairs. Though not generally as disruptive a force as in other parts of the western world, the student movement in Canada caused more than a few ripples in the operation of the universities. As a result of the turmoil, by the end of the 1960s, students and faculty had become members of the university governing bodies. At many institutions they are now active on boards and senates, presidential search committees, task forces on curriculum development, and contribute to discussions on matters of interest to the university community.

The days of seemingly unlimited educational growth during the 1960s, however, did not last. During the 1970s and early 1980s, as the Canadian economy slowed down, the country's mood became more cautious. Government funding of higher education has not kept pace with the universities' needs in the last decade. Governments point out that the public purse is strained by growing demands from other areas such as health care and debt reduction. Universities, on the other hand, reply that research and teaching is essential to Canada's future economic and social development.

Government and Financing

Canadian university funding comes from a number of sources.

The largest share is paid by provincial government operating grants (61.9 per cent of total Canadian university income in 1984-1985). The federal government contributes indirectly to those grants through the transfer of cash and tax points to the provinces. Direct federal government grants, mainly in support of university research, account for another 9.2 per cent of total funding. Donations from alumni, corporations or charitable foundations, the sale of services or products, and investment earnings account for about 16 per cent of universities' income. In general, student tuition fees cover only about 11 per cent of the cost of running a university.

All universities which are members of the Association of Universities and Colleges of Canada—with the exception of Trinity Western University and Redeemer Reformed Christian College—receive support from government grants. Government funding accounts for as much as 90 per cent of the budget of some universities; at small church-related institutions this support can drop to a small percentage of university income.

There is no central government office responsible for higher education in Canada.

When the British North America Act was signed in 1867 (retitled the Constitution Act in 1982), the provincial governments were given the exclusive power to "make laws in and for each province" regarding education. Thus, the responsibility for Canada's universities and colleges rests with the 10 provincial governments, each of which has developed a different set of structures to govern and fund higher education.

Over the past two decades most provinces have set up advisory bodies, usually called councils or commissions, to act as intermediaries between the province and their universities.

Newfoundland

With only one university in the province, the board of regents at Memorial University negotiates directly with the provincial government about all funding and programming decisions. The provincial official responsible for the university is the Minister of Career Development and Advanced Training.

New Brunswick, Nova Scotia, Prince Edward Island

A Minister of Education or Advanced Education and Training is responsible for higher education in each of the three Maritime provinces. In addition, the provinces work together through the Maritime Provinces Higher Education Commission (MPHEC), established in 1974 by the Council of Maritime Premiers. To advise the Council, MPHEC prepares an annual plan for financing higher education in the region. MPHEC also provides advice and undertakes planning in other aspects of postsecondary education, in an effort to use the area's resources more effectively.

Quebec

Quebec's Minister of Advanced Education and Science is advised by the Conseil des universités. Set up in 1968, the Conseil provides long-term planning for the province's higher education system and gives advice about the distribution and level of government funding for universities.

Ontario

The provincial minister responsible for postsecondary education is the Minister of Colleges and Universities, who is advised by the Ontario Council on University Affairs (OCUA). OCUA makes recommendations on such issues as total funding requirements of Ontario universities, allocation of funds and the eligibility of programs for funding.

Manitoba

The Manitoba Universities Grants Commission advises the province's Minister of Education on funding levels. The Grants Commission is the agency that distributes government funds to the universities and also decides whether universities may expand existing programs and facilities or set up new ones.

Saskatchewan

Saskatchewan's universities deal directly with the Minister of Advanced Education and Manpower. The province's universities commission, which formerly advised the minister, was disbanded in 1983.

Alberta

In Alberta, too, each university negotiates directly with the province's Minister of Advanced Education. Alberta's universities commission was dissolved in 1973.

British Columbia

The Universities Council of British Columbia is the intermediary between the province's universities and the Minister of Postsecondary Education. The Council recommends funding levels, allocates grants to the universities and approves all new programs and facilities.

Canada

Although the provincial governments retain responsibility for educational matters, the federal government has an active role as well. Coordination and support for federal involvement in postsecondary education comes through the Secretary of State; the Department of Indian and Northern Affairs provides services and funding for Indians and Inuit at Canadian universities; and the Ministry of State for Science and Technology oversees science-related policies.

The federal government assumed a role in higher education in 1876, when it established the Royal Military College of Canada (RMC) in Kingston, Ontario, the first of three military colleges still run solely by the federal government. (These colleges are the exception to the rule of provincial control over education.) The federal government is still the sole support for RMC and its sister institutions, the Collège militaire royal de Saint-Jean and Royal Roads Military College; all three institutions provide university degree programs.

Today federal involvement in higher education comes largely because of a number of policy objectives that are national and even international in scope. These include: facilitating access to higher education for all qualified and interested Canadians, minimizing barriers that would prevent postsecondary students, teachers and graduates from studying or working anywhere they wish in Canada; encouraging and supporting research; providing opportunities for Canadians to learn one of the country's two official languages (French and English), and developing links between Canadian universities and those abroad.

The federal government's major financial contribution to higher education (an estimated $4.5 billion in 1985) comes under the Federal Postsecondary Education and Health Contributions Act (known until 1984 as Established Programs Financing Act or "EPF"). Under the terms of the program the federal government makes unconditional payments to the 10 provinces and two territorial governments to support postsecondary education. The federal contribution comes in the form of a cash payment from the Secretary of State and a tax transfer from the Department of Finance.

The federal government also supports a number of programs to fulfill its own policy objectives. Research, for example, is encouraged through grants to universities, professors and graduate students from three federal government granting councils, the Social Sciences and Humanities Research Council, the Natural Sciences and Engineering Research Council and the Medical Research Council (see page xi of this introduction).

Ensuring university access and student mobility are the primary aims of the federal government's Canada Student Loans Program, which provides assistance by guaranteeing bank loans for needy part-time and full-time students (see page xiv).

The federal government also supports second language learning across the country. In 1984-1985, for example, it spent $206 million to support second language learning at the elementary, secondary and postsecondary levels. The funds—of which $66.4 million went to the postsecondary sector—were either provided directly (to students) or through the provinces.

In addition almost every federal government department has a program of support either through specific research grants, scholarships or training awards for university programs which match the interests of that specific agency.

Thus, although the ultimate responsibility for higher education rests with the provinces, both the federal and provincial governments contribute to the funding and success of Canadian universities.

Programs and Degrees

From accounting to zoology (and from subjects as varied as geomorphology and theatre scenography), Canadian universities offer programs to meet virtually every interest and need.

Although each university offers a varied range of courses, a single university cannot possibly be expected to offer all of the approximately 1,500 different programs available across the country (see Degree, Diploma and Certificate programs section of this directory).

Courses in the humanities, social sciences, physical and applied sciences are available at all but a few very specialized institutions. However, professional programs such as, for example, medicine, dentistry, law or architecture, as well as postgraduate studies at the master's and PhD level, are not available everywhere. Some larger universities offer the full range of these programs; others are limited to a specialized selection.

Full-time undergraduate programs in all areas generally require five courses to be completed each year. At the master's and PhD level, course work and a thesis are usually required. Some graduate programs, though, no longer require a thesis for a master's degree.

Most universities also offer programs, both undergraduate and graduate, on a part-time basis. In fact, part-time education has become increasingly popular—in 1985-1986, more than one-third of all undergraduates were studying part-time. To meet the needs of part-time students, who must often juggle a job or family and school work, universities now offer more evening and summer or intersession courses.

Cooperative or work-study programs provide Canadian students with another option. Co-op programs allow students to combine academic study with work experience by spending one term studying on campus followed by another term working full time at a selected job related to the students' field of study. (Students generally spend one year in the classroom before launching into the work-study alternation.)

Co-op education began in Canada in 1957 when the then newly established University of Waterloo (at that time called Waterloo College Associate Faculties) began offering its first course: a three-month study, three-month work term engineering program. By 1984-1985 co-op programs were available at 25 universities across the country, with programs ranging from computer science to those in the liberal arts.

The growing popularity of distance education also testifies to the universities' growing involvement in "non-traditional" forms of teaching. As defined on page xiv, distance education involves the physical separation of teacher and student. Universities use a number of methods to deliver course content in such programs, including written correspondence courses or video and audiotapes sent through the mails, tutoring by telephone, cable television broadcasts or computer links. A small number of institutions are devoted entirely to the provision of such independent study courses.

Using either distance education methods or the traditional lecture approach, universities across the country bring their courses to a broad cross-section of Canadians. At times, for instance, faculty members will take the course to the students, sometimes travelling as far as 500 kilometres from the university campus to deliver lectures to students in far-flung towns and villages. In other cases suburban universities have established downtown campuses to reach a different clientele.

Some universities are bringing courses into the workplace, offering programs through lectures, videotapes or television broadcasts at local offices and industries. Others offer credit and non-credit courses at local shopping malls, community centres or senior citizens' residences.

Canada's diversity is in many ways reflected in its universities. Although the majority of universities are anglophone, some are bilingual and a number are French, not only in Quebec but also in Alberta, Manitoba, Nova Scotia, New Brunswick and Ontario. In addition, at some institutions, students may write examinations or assignments in either official language.

Many universities provide special services and courses for native students. For example, the University of Western Ontario has a diploma program in journalism for native people; Manitoba's Brandon University offers a number of programs to meet the special needs of northern and native teachers; and the University of Saskatchewan contributes a summer program designed to introduce native people to the study of law and prepare them for formal studies at Canadian law schools. The Saskatchewan Indian Federated College in Regina, an Indian-controlled postsecondary institution, offers a bicultural program, with a number of degrees, such as a bachelor of Indian social work, aimed specifically at the needs of Canada's native population.

Canadian universities are increasingly involved in developing programs to help institutions and people abroad. Many universities have set up formal links with their counterparts overseas, particularly in the Third World. The most common pattern consists of a formal linkage between a faculty or department in a Canadian university and a similar unit in a Third World university, with Canadian faculty going abroad to teach and Third World students coming to Canada.

Canadian universities have had a special interest in China over the past five years. About 25 Canadian universities now have linkages in various fields with Chinese universities and the AUCC has taken on a major role in a large World Bank-sponsored project involving 60 Chinese provincial universities.

Canadian projects in other countries in recent years have included the establishment of a technical school in Senegal by Ecole Polytechnique an engineering school affiliated with Université de Montreal, the training of Chinese agricultural experts by a consortium of the University of Alberta, the University of Guelph and Olds College (an Alberta community college) and training courses developed by Guelph for a World Bank economic centre. In some cases, Canadian university involvement abroad can even save lives. Memorial University has set up a telemedicine link with the University of Nairobi, allowing the brain scan of a hospitalized child in Nairobi to be transmitted through the telecommunications network to doctors ready to make a diagnosis in Newfoundland.

Canadian university leaders have become increasingly conscious not only of the positive contribution that they can make abroad but also of the extent to which their own institutions gain in improved teaching and research through such international links.

The universities in Canada's 10 provinces all have characteristics that make them unique. The following brief descriptions attempt to give a thumbnail sketch of each institution. More detailed information is available in the Directory listing for each university.

Newfoundland

The story of higher education in the country's youngest province is the account of one institution—Memorial University of Newfoundland. The university grew out of Memorial University College, which was named to honor those from Newfoundland and Labrador who died during World War I.

Memorial's main campus is in the provincial capital of St. John's; the university has also set up a regional college, Sir Wilfred Grenfell, in Corner Brook on the west coast of the province, offering first and second year university programs.

In addition to offering a range of undergraduate, graduate and professional programs, the university has long been a pioneer in distance education, using audiotapes, a special two-way telephone network and satellite links to serve the island's scattered population.

Nova Scotia

In the Atlantic provinces, the ratio of degree-granting institutions to population is larger than almost anywhere else in the world, and a large number of these universities and colleges are in Nova Scotia. In fact, nearly three-quarters of that province's population live within 50 kilometres of a university.

Dalhousie University—the largest in the province, with more than 7,000 full-time undergraduates—awarded its first degree in 1866. The university offers an extensive variety of courses, ranging from a certificate in costume studies to a diploma in public administration to professional degrees such as law, medicine, dentistry and pharmacy.

The University of King's College, which is associated with Dalhousie, is the oldest university in the province. Established in 1789, it offers a unique foundation year program for first-year humanities and social science students, with integrated studies focussing on "the development of institutions and ideas in western societies". King's also offers journalism, arts, science and divinity programs.

Founded as a women's college, Mount Saint Vincent University is a liberal arts and science university operated by the Sisters of Charity of Halifax. "The Mount", as it is called, has some 3,800 students, and is now coeducational, although most students are still women. (The university is open to men as non-resident students.) Degrees in fields such as public relations, education, business, arts, home economics and science are offered.

Saint Mary's University, founded in 1802, was originally a men's university under the auspices of the Roman Catholic diocese of Halifax. Open to women since 1968 and nondenominational since 1970, Saint Mary's claims its primary focus as "personalized, student-centred education". The university offers undergraduate and graduate arts and science programs; among the graduate degrees offered is a master of arts in Atlantic Canada studies.

Also founded in the 19th century, St. Francis Xavier University is today a Roman Catholic coeducational institution that offers programs leading to degrees in areas such as arts, business, science, education and nursing. Located at the university is the world-famous Coady International Institute, the home of the Antigonish movement, an adult self-help education program based on cooperative principles. More than 2,600 people from 110 countries have come to the Coady Institute to study the philosophy and methods of the Antigonish movement and to obtain training in social leadership.

Acadia University, originally a Baptist institution but now nondenominational, is situated in the small town of Wolfville. Its programs include music, applied and computer science and arts, and it offers theology degrees through the affiliated Acadia Divinity College.

A number of institutions in the province are devoted to specialized studies. The Nova Scotia College of Art and Design provides programs in design, fine art and art education at its campus, located in a two-block section of restored historic buildings on the Halifax waterfront.

The Technical University of Nova Scotia has almost 950 undergraduate and about 300 graduate students enrolled in architecture, engineering and computer science programs at its downtown Halifax campus. Students wishing to pursue a bachelor's program in engineering must have completed a two-year program at a cooperating university in Atlantic Canada or the equivalent from another university. TUNS is the home of a fisheries research laboratory and an engineering and industrial contract research institute as well as a new university chair in biomedical engineering.

Truro's Nova Scotia Agricultural College has about 550 full-time undergraduate and a handful of part-time students pursuing degrees and diplomas in agricultural engineering and science. The University College of Cape Breton in Sydney offers both technology diplomas and university degrees and diplomas.

Nova Scotia's only francophone institution is Université Sainte-Anne located near the Baie-Sainte-Marie in Church Point. Sainte-Anne offers a range of degrees including a bachelor of arts in Canadian studies. The university also serves the cultural and social needs of Acadians in the Maritime provinces.

Prince Edward Island

Prince Edward Island, like Newfoundland, is home to one university. With an undergraduate enrolment of about 2,500 and no graduate studies, the University of Prince Edward Island includes in its offerings arts, business administration, education, engineering and science as well as a special French immersion program. UPEI, located in the provincial capital of Charlottetown, is the site of a new veterinary college that will serve the Atlantic region.

New Brunswick

The province's largest institution, the University of New Brunswick, has a history extending back to 1785. The university prides itself on being the site of Canada's first course in engineering (in 1854). Today more than 7,300 full-time and 2,200 part-time students, both undergraduate and graduate, pursue degrees in such areas as forestry, law, arts and science and engineering at the university's two campuses (Fredericton and Saint John). Professors from UNB offer courses in a dozen communities throughout the province; the university also provides a number of distance education courses using such methods as audiotapes, cable television and teleconferencing. The Maritime Forest Ranger School, an interprovincial school providing a one-year training course for men and women with some experience in forestry, is affiliated with UNB.

Federated with UNB and located on the Fredericton campus is St. Thomas University, a small undergraduate Catholic institution open to students of all religious denominations. St. Thomas grants degrees in arts, education and social work.

Mount Allison University, connected to the United Church of Canada, is also open to undergraduate students of all religious beliefs. In addition to the usual range of programs, Mount Allison offers interdisciplinary programs such as American studies, Canadian studies, international studies, and social thought. The university allows students, aided by faculty members, to draft interdisciplinary programs suited to their individual needs.

New Brunswick's francophone institution is the Université de Moncton, with origins dating back to 1864. Moncton offers programs including administration, law, arts and health sciences. The university also offers courses at university centres in Edmundston and Shippegan.

Quebec

Quebec's three English and four French-language universities, located throughout the province, bring higher education to more than 226,000 students. Quebec is the only province in Canada where part-time students outnumber their full-time counterparts.

The Université du Québec alone has more than 25,000 full-time and 46,000 part-time undergraduate students at its 11 constituents throughout the province. It has a network of six universities, and five specialized institutions. The universities, located in Chicoutimi, Hull, Montreal, Rimouski, Trois-Rivières and Rouyn (Abitibi-Temiscamingue), offer most undergraduate programs, and about 90 graduate programs, which often reflect the individual institution's location.

The programs at the Université du Québec's École nationale d'administration publique include a master's degree in public administration. At the École de technologie supérieure, students can take an undergraduate degree in technology-related subjects. The network includes two research institutes: the Institut national de la recherche scientifique, which conducts fundamental and applied research and offers graduate studies in areas such as telecommunications, energy, health and oceanography, and the Institut Armand-Frappier, which provides research and graduate studies in fields including immunology, applied microbiology and biotechnology.

Télé-université is the Université du Québec's distance education link; it serves approximately 9,600 students every year, mostly part-time undergraduates, in both remote and metropolitan areas of the province.

The Université de Montréal is also large, with an enrolment of about 19,200 full-time and another 19,200 part-time undergraduates, as well as roughly 9,500 graduate students. Montréal offers a complete range of undergraduate, professional and graduate programs, which include arts, science, law, medicine, theology and the only French-language veterinary program in Canada. Affiliated with the Université de Montréal are the École des Hautes Études Commerciales, an undergraduate and graduate business administration school and the École Polytechnique, an engineering school.

Université Laval calls its 188 hectare campus just west of Quebec City a "university city". At Laval, whose roots are in the Séminaire de Québec—the oldest institution of higher education in Canada—students can enrol in graduate and undergraduate programs including architecture, visual arts, medicine, dentistry, music and science. Laval runs a special intensive residence program available either in the summer, fall or winter terms, to teach French to non-francophones.

The Université de Sherbrooke, established in 1954, offers bachelor's, master's and doctoral degrees as well as certificates and diplomas in areas such as education, law, arts, administration and medicine.

McGill University opened in Montreal in 1829 with a faculty of medicine. Since then, McGill's range of programs has expanded considerably; its approximately 12,900 full-time and 2,800 part-time undergraduates and 5,000 graduate students can choose from a comprehensive selection of programs including architecture, arts, engineering, education. Diploma, certificate and non-credit programs are also available in areas such as functional French for professionals, Yiddish and college teaching. McGill's almost 60 research centres and institutes reflect the university's wide range of interests and commitment to research.

Also in Montreal is Concordia University, which grew out of a 1974 merger between Sir George Williams University and Loyola College. Concordia still maintains separate campuses, one in the heart of Montreal and the other, Loyola campus, in the city's west end. Reflecting Concordia's strong traditions in part-time education, most of the university's undergraduate and graduate programs can be completed on a part-time basis.

The province's smallest institution, located in Lennoxville, is Bishop's University, with 1,200 full-time, 750 part-time and a handful of graduate students. Largely a residential university (more than half of the full-time students live in university residences), Bishop's offers programs mainly in arts, sciences and business administration. Affiliated with Bishop's is Montreal's Thomas More Institute for Adult Education, which provides a specially designed degree program in liberal arts for mature adults, as well as non-degree courses.

Ontario

The country's most populous province also has more university students than any other province. In fact, almost 40 per cent of all full-time students in Canada are enrolled at an Ontario university.

The province's institutions range from comprehensive "multiversities" to small liberal arts colleges. Each has a unique history and has put its individual stamp on most of its programs.

The largest university in Canada is the University of Toronto (U of T), with 3,600 full-time faculty members serving about 30,000 full-time and 13,000 part-time undergraduates as well as about 9,000 full-time and part-time graduate students. The U of T, founded in 1827, offers courses in some 15 faculties and schools on its three campuses (the St. George campus downtown, and Scarborough and Erindale Colleges in the city's suburbs).

Federated with Toronto are the University of Trinity College, traditionally connected to the Anglican Church, Victoria College, connected with the United Church of Canada, and the University of Saint Michael's College under the direction of the Basilian Fathers. None of the federated colleges places any restrictions on students' religious beliefs. In addition to the federated colleges Toronto has six constituent colleges: Erindale College, located 33 kilometres west of the St. George campus in Mississauga; Scarborough College, 32 kilometres east of the downtown campus; and Innis College, New College and University College, all located downtown. Woodsworth College was created in 1974 to offer degree, diploma and certificate programs largely for part-time students.

Each federated and constituent college has strong traditions, and each arts and science undergraduate at the U of T belongs to one of the colleges. The colleges provide some teaching, often in specialized areas such as international relations at Trinity and cinema studies at Innis, for example, along with residences, social and cultural activities.

Other universities in the province have equally long traditions.

Queen's University in Kingston was issued a royal charter in 1841 and granted its first degrees six years later. Founded by the Presbyterian Church of Canada, Queen's is now nondenominational and offers a wide range of programs including law, business, arts, education and applied science.

Also founded in the 19th century was McMaster University, established in 1887 in Toronto and located in Hamilton, Ontario since 1930. McMaster offers undergraduate and graduate degrees including health-oriented programs such as medicine, nursing and physiotherapy and has developed a new approach to health sciences education.

Founded as the College of Bytown in 1848, the University of Ottawa today is fully bilingual, offering instruction in French and English in areas such as administration, arts, medicine and education. Ottawa also offers a law program in both common and civil law.

The University of Western Ontario, established in 1878, is now home to some 24,000 undergraduates and 2,500 graduate students at its London, Ontario campus. In addition to undergraduate, graduate and professional programs including law, medicine and journalism, UWO operates a summer school in Trois-Pistoles, Quebec, providing degree credit immersion courses in the French language.

Affiliated with UWO are Brescia College, primarily residential and Canada's only institution open solely to women; King's College, an undergraduate liberal arts and social sciences college sponsored by the Catholic Church, and Huron College, a residential liberal arts and theological college.

The University of Windsor, which has its roots in more-than-a-century-old Assumption College, provides the usual range of courses including law, arts, visual arts and engineering. As well, it offers a number of credit courses on a part-time basis in nearby towns.

Wilfrid Laurier University, which had its origins in the Evangelical Lutheran Seminary of Canada that opened in Waterloo in 1911, gave its first university course in 1923. It now offers programs in, among other areas, science, arts, business and music, including a diploma in opera.

During the 1940s both Lakehead and Carleton University were established. Carleton, located in Ottawa, began in 1942 as the Ottawa Association for the Advancement of Learning and today offers graduate and undergraduate programs in such fields as journalism, architecture, arts and public administration. Carleton also offers a number of master's and PhD courses in conjunction with the University of Ottawa.

Evolving from a technical institute, Lakehead University began offering university-level courses in 1948. Its programs include education, arts, business administration, engineering and forestry. The university also offers a number of courses in northern Ontario communities, including some up to 400 km away from its Thunder Bay campus.

In the years between 1959 and 1964, the Ontario government established six new universities throughout the province, all offering a broad range of graduate, professional and undergraduate programs. Brock University, in St. Catharines, is a small university with programs in such areas as administrative studies, pure and applied science, arts, education and recreation and leisure studies. The university also offers a new degree program in liberal arts and science studies.

The University of Guelph has its roots in three institutions: the Ontario Agricultural College, the Ontario Veterinary College and the Macdonald Institute of Home Economics. Amalgamated in 1964 to form Guelph, the university today offers programs in a large number of disciplines including arts, hotel and food administration and engineering while retaining its traditional offerings in agricultural science, family and consumer studies and veterinary medicine. The University of Guelph is one of Canada's most active universities in the field of international development and cooperation.

Laurentian University was established in 1960 as a result of the federation of the University of Sudbury—a Roman Catholic institution founded in 1913—and Huntington University, a United Church college. Thorneloe University, which is Anglican, joined the federation three years later. Laurentian is a bilingual university whose students may receive certificates of bilingualism on completion of special examinations; its offerings range from arts to engineering to social work. The University of Sudbury, also bilingual and under the direction of the Jesuit Fathers, holds its degree-granting powers in abeyance except for theology.

The University of Waterloo, a North American pioneer in cooperative education, was established in 1957 as Waterloo College Associate Faculties, offering a three-month term program to a small group of engineering students. Today it offers a wide range of programs, many on a co-op basis, including applied arts, mathematics and environmental studies. Waterloo also operates an extensive program of university-level correspondence courses and is active in maintaining links through research and teaching to business and industry. The University of St. Jerome's College shares the University of Waterloo campus and many of the facilities. Federated with Waterloo since 1960, the college holds its degree-granting powers in abeyance.

Trent University is a small liberal arts and sciences institution, founded in 1963 in Peterborough. It is best known for its programs in Canadian and native studies. Many of Trent's courses are interdisciplinary in nature, with teaching often conducted through small tutorial or seminar groups. Trent is a collegiate university and each college provides teaching, residences and extracurricular activities.

York University, located on the northwestern edge of Metropolitan Toronto, offers a wide range of programs. Known for its environmental studies and fine arts program, among others, York is also the home of Osgoode Hall Law School. Part-time students are served by Joseph E. Atkinson College, which offers degree courses for evening and part-time students. York's Glendon College campus, in downtown Toronto, is a bilingual and bicultural institution that emphasizes Canadian studies.

A number of specialized institutions are also located in Ontario. The Ontario Institute for Studies in Education (OISE) is both a graduate department of education within the University of Toronto's school of graduate studies and a research and graduate training institute in the field of education; the Royal Military College of Canada, a bilingual institution funded solely by the federal government, trains officers for the Canadian military; Saint Paul University, federated with the University of Ottawa, offers courses including pastoral studies and canon law; and the Collège dominicain de philosophie et de théologie, founded in 1909 by the Roman Catholic Dominican Order, provides courses in philosophy and theology. Redeemer Reformed Christian College, which joined the AUCC in 1985, is a degree-granting liberal arts institution with a total enrolment of almost 300 undergraduate students. It offers a three-year bachelor of Christian studies degree with specialties in fields such as business, religious studies, general studies and social sciences, as well as a four-year bachelor of arts in education offered in conjunction with a college in Michigan, U.S.

Ontario's only polytechnic is Ryerson Polytechnical Institute, located in Toronto and established in 1948 to provide postsecondary technological education. Granting degrees since 1971, Ryerson now has more than 30 diploma and degree programs in arts, business, applied arts and community services, and offers a wide range of technology-related subjects.

Manitoba

The University of Manitoba, with a total enrolment of about 24,000, is the largest of the province's three universities. The university's main campus is located in Fort Garry, a suburb 14 km from downtown Winnipeg; the medical/dental college campus is in the Winnipeg city centre. The university offers a complete range of professional, undergraduate and graduate degrees as well as a special premedical studies program to help Manitoba students of native ancestry to complete requirements needed to enter medical school.

The Collège universitaire de Saint-Boniface, affiliated with the University of Manitoba, provides university courses in French.

Manitoba's other affiliates are Saint Paul's College, directed by the Jesuits and offering programs in arts and science; Saint Andrew's College, which provides training for the ministry in the Ukrainian Greek Orthodox Church; and Saint John's College, a liberal arts and theological college associated with the Anglican Church of Canada.

Located in the urban core is the University of Winnipeg, which grew out of the mergers of a number of church-related colleges that were founding members of the University of Manitoba. Known as United College, it operated as an affiliate of Manitoba until 1967, when it became the University of Winnipeg. The institution today grants graduate and undergraduate degrees in arts, science, education and theology and is committed to offering services and programs designed for downtown communities.

Brandon University, organized by the Baptist Union of Western Canada in 1899, has also been an independent university since 1967. (It was affiliated first with the University of Manitoba, then with McMaster University in Ontario, and then again with the University of Manitoba.) Brandon offers programs in education, music, arts, science and general studies as well as a number of special programs for native students. These include BUILD (Brandon University Indian Leadership Development), which prepares native teachers to assume school principalships in northern Manitoba and PENT (The Project for Educating Native Teachers), a series of summer courses for native teachers.

Saskatchewan

Saskatchewan is home to two universities and their four federated colleges. The larger, the University of Saskatchewan (U of S) located in Saskatoon, has a 1,033 hectare campus stretching along the banks of the South Saskatchewan River. (Part of the campus includes a university farm and experimental plots that support the institution's teaching in agriculture and related subjects.) The university offers a broad range of arts, science and professional programs and is the site of the Western College of Veterinary Medicine, a joint venture of Canada's four western provinces.

St. Thomas More College, federated with the U of S since 1936, is a Catholic Church-related institution that offers courses leading to arts, fine arts, music and science degrees, as well as interdisciplinary programs in areas such as French Canadian studies and land use and environmental studies.

The University of Regina's campus is part of the Wascana Centre Project, jointly sponsored by the city of Regina, the province and the university to develop government and university facilities as well as community cultural and recreational activities. The university, part of the U of S until 1974, offers a range of graduate and undergraduate courses, including a number that provide a work-study experience (co-op). Regina also offers a bilingual arts or education bachelor program; students enrolled in this program must take at least 40 per cent and not more than 60 per cent of their courses in French. Also available at Regina is a Canadian Plains area study program, which complements the university's Canadian Plains Research Centre.

Three colleges are federated with the University of Regina: Luther College, a liberal arts college connected to the Lutheran Church but open to all, Campion College, under the direction of the Jesuits, also open to students of all religious denominations and the Saskatchewan Indian Federated College. SIFC, under the jurisdiction of the Federation of Saskatchewan Indian Nations, is the only Indian-controlled postsecondary institution in Canada. With a full-time and part-time enrolment of just over 550 undergraduates, the college is open to students of all backgrounds. Among the programs offered are a bachelor of Indian social work, a bachelor of arts in journalism and communications and a bachelor of elementary education aimed specifically at Indian education.

Affiliated with the University of Regina is the Canadian Theological Seminary and, since 1983, the Gabriel Dumont Institute of Native Studies and Applied Research.

Alberta

Four universities serve a variety of student needs in Alberta. The University of Alberta (U of A), in Edmonton, was founded by the province in 1906 and today has 24,500 full-time and part-time undergraduates and more than 3,800 graduate students. Alberta provides a broad range of bachelor, master's and doctoral programs as well as professional courses such as dentistry, law, medicine and pharmacy. The university also offers a bilingual program leading to bachelor's degrees in arts, science and education through the Faculté Saint-Jean. Alberta has six affiliated colleges that are associated with various religious denominations—Camrose Lutheran College, Canadian Union College, Concordia Lutheran College, King's College, St. Joseph's College and St. Stephen's College.

The University of Calgary, formerly a campus of the U of A, became independent in 1964. Still somewhat smaller than the University of Alberta (approximately 18,500 undergraduates and over 2,000 graduate students), Calgary also offers a mix of undergraduate programs including general studies, arts, commerce, law, medicine and social work along with postgraduate degrees in such subjects as communications and environmental design. The university's research facilities include an astrophysical observatory in the Rocky Mountain foothills southwest of Calgary and an environmental research centre located on a forestry reserve 60 km west of the city. The University of Calgary will play an important role when the city of Calgary hosts the Winter Olympic Games in 1988. Some 2,000 athletes, team officials and support personnel will be housed at the university and the campus will be the site of the speedskating competitions.

The University of Lethbridge, which was established in 1967, offers primarily undergraduate degrees. It is noted for its programs in the fine and performing arts and for its special concerns with Native studies.

One of Canada's more unusual universities is also its most northerly. At Athabasca University, established by an Alberta government order-in-council in 1970, students do most or all of their learning at home. The university moved to the town of Athabasca from Edmonton in the summer of 1984. Its students, however, are scattered across the country and use special home-study materials often supplemented by radio and television broadcasts, audiotapes, workshops or teleconference sessions. Each student is assigned a telephone tutor and has toll-free access from anywhere in Canada. Athabasca's offerings include bachelor program concentrations in English, French, Canadian studies, history, sociology and anthropology, and general liberal arts along with a range of individual courses.

British Columbia

British Columbia is home to five universities.

The largest in the province is the University of British Columbia (UBC). Located on a scenic campus in Vancouver, UBC offers numerous graduate, professional and undergraduate programs as well as correspondence courses and programs providing continuing education in professional fields. UBC's enrolment numbers more than 23,000 undergraduates and 3,900 graduate students, both full and part-time.

Overlooking the city of Vancouver from the top of Burnaby Mountain is Simon Fraser University. In addition to providing a range of undergraduate and graduate courses, Simon Fraser offers programs such as kinesiology, communication studies and a bachelor of applied science. Cooperative education programs are available in 11 areas of study and there are correspondence courses in most disciplines. SFU operates on a trimester system.

The University of Victoria, situated in the provincial capital, offers graduate and undergraduate courses that include law, fine arts, education, engineering and human and social development. In addition, Victoria provides a number of cooperative education programs.

Royal Roads Military College, also located in Victoria, is one of Canada's three military colleges. It provides bilingual arts and science degrees including new programs in oceanography and computer science.

Trinity Western University, located 40 km west of Vancouver, is a liberal arts college established in 1962 and committed to an evangelical Christian doctrine. The college is open to students of any religious belief.

The Yukon and the Northwest Territories

Both the Yukon and the Northwest Territories have yet to establish university-level institutions. Students wishing to enrol in a university program must travel south to a neighboring province.

Faculty

There are now more professors teaching at Canadian universities than there were students in 1920. The number of faculty members has increased dramatically in the last two decades: from approximately 5,000 at the end of the 1950s to an estimated 35,000 full-time professors in 1984-1985—a seven-fold increase. (This figure is an estimate, as no recent data on Quebec faculty are available. All faculty statistics cited in this section exclude Quebec.)

The explosion in hiring during the universities' expansion years in the 1960s and early 1970s began to slow down just before the end of the last decade. In 1970-1971, for example, almost 17 per cent of the teaching force were newly hired that year. By the end of the 1970s, the number of new appointments every year had settled to about seven per cent.

The rapid expansion has had some distinct effects on the make-up of the Canadian professoriate.

Teachers at Canadian universities can be hired at four ranks, with steps from lecturer to assistant professor to associate to full professor. Because of the rapid growth of the professoriate during the 1960s, the majority of Canada's professors are now ranked at the top two levels of the scale: in 1984-1985, nearly 36 per cent were associate professors and another 35 per cent were full professors. Only five per cent were at the rank of lecturer.

Most professors, clustered in the top ranks, are also roughly the same age. In 1984-85, almost three-quarters of all Canadian professors were between the ages of 35 to 54, and almost one-quarter of all faculty were clustered between 40 to 44 years of age. This, combined with current economic conditions, means that the opportunities are limited for young academics seeking their first appointments to the teaching staff of Canadian universities.

Overwhelmingly, professors in Canada are men. In 1984-1985, nearly 17 per cent of the faculty across the country were female, a figure representing only a small increase in numbers over the 11 per cent recorded in 1958-1959. There are more women teaching in areas such as education (24.6 per cent of all education professors in 1984-1985 were women) and fine and applied arts (21.7 per cent) than in areas such as engineering and the applied sciences (1.6 per cent).

On average, female professors in 1984-1985 were also paid less than men of equal rank. The median salary for men and women at all ranks that year was $47,200. Female faculty received a median salary of $38,700, while men earned a median of $48,800. The highest median salaries were paid to teachers at universities in western Canada and to those in engineering and applied science.

The rapid growth of the faculty during the 1960s and 1970s created a problem for Canadian universities. During the 1960s it was necessary to "import" faculty to meet the demand for teaching staff. However, when this practice continued into the 1970s, strong objections were heard from the media and the general public, and from university students and faculty members themselves about the number of foreigners being hired to fill teaching posts at Canadian universities. Although some controversy still exists, the vast majority of new appointments in recent years have, in fact, gone to Canadians or permanent residents.

Canadian immigration laws now restrict the hiring of professors from abroad to posts that cannot be filled by qualified Canadians or permanent residents. Thus, most non-Canadians hired recently were in fields in which there are shortages of qualified Canadians.

Academic vacancies are advertised in *University Affairs,* a national newsmagazine published 10 times a year by the Association of Universities and Colleges of Canada. Job openings are also advertised in daily newspapers, academic journals and in the *CAUT Bulletin,* published by the Canadian Association of University Teachers.

The CAUT represents about 27,000 university professors across the country. In addition to publishing the *Bulletin,* it conducts studies, provides information and lobbies governments and other organizations to promote the interests of university professors.

As well as lecturing, university professors' teaching duties often include supervising laboratories, holding seminars and tutorials and overseeing the work of graduate students. Faculty members are expected to conduct research and keep up to date with developments in their fields, in addition to publishing the results of their research on a regular basis. As well, they are often called on to serve on administrative committees within the university.

Professors also often become involved in community activities and are invited to speak to student or community groups on a wide range of topics related to their academic or personal interests. Faculty members and their students at universities across Canada provide legal aid, run dental and medical clinics, offer architectural advice, engineering consulting services and marketing hints for small businesses. At Memorial University, on the Atlantic Coast, faculty even run a free 24-hour whale rescue service to help Newfoundland fishermen who have found whales entangled in their nets.

Canadian universities have a system of tenure, usually defined as an appointment without term that can be ended only by resignation, retirement or dismissal for good cause. Tenure, estimated to be held by about three-quarters of all professors across the country, is designed to protect academic freedom in research and teaching. Most institutions grant tenure and promotions based on a committee's evaluation of the quality of teaching and research conducted by a professor.

In addition to their salaries, university professors in Canada receive benefits from pension, insurance, and health plans. At most universities, tenured faculty members may apply for a one-year sabbatical leave to conduct research or for professional development, usually after six years of teaching, and a portion of their salary (generally 75 per cent) is paid during the sabbatical.

Collective bargaining among faculty has been a part of the university scene in Canada since 1971. The Université du Québec à Montréal was the first faculty union or association to be accredited as a collective bargaining unit and the first to sign a collective agreement.

By 1983-1984 about two-thirds of full-time faculty in Canada were members of collective bargaining units, either provincially certified or in special plans not regulated by provincial legislation.

Each university and college bargaining unit negotiates with its own university for salary and benefit contracts. Local associations may belong to a provincial federation, as well as to the national group, the CAUT. (The Fédération des associations de professeurs des universités du Québec represents Quebec academics; it is a CAUT member with special status.)

Canadian faculty are also members of national societies and associations devoted to their individual academic interests. The Learned Societies, for example, represent the social sciences and humanities. The Learneds hold a national meeting at a different university every summer to report and discuss new research findings.

Research

Research projects at Canadian universities are as varied as the institutions themselves.

At some universities scientists are linking clues to discover a cure for diseases such as cancer or diabetes. At others researchers are developing new technologies to improve energy efficiency or food production. At still others professors are uncovering new information and developing critical opinions about history, literature or music.

Whether the research is applied, and thus directly applicable to everyday life, or fundamental, pushing back the frontiers of knowledge, research conducted by professors at Canadian universities often benefits Canadians and others around the world.

Almost all Canadian professors are expected to conduct research in their area of specialty. Promotions and tenure often depend directly on the amount and quality of research conducted.

Research projects are funded in a number of ways. Some of the support comes from the universities themselves, either directly or by providing facilities, equipment and staff needed to complete projects.

Research can also be funded by private business corporations or charitable foundations. Such research is often linked to a corporation's needs, and professors may sometimes undertake projects in addition to their university work on a contract basis.

The federal government is the largest single supporter of university research. Federal government funds are mainly channeled through three granting councils: the Medical Research Council (MRC), which for 1986-1987 has a budget of $167.9 million, the Social Sciences and Humanities Research Council (SSHRC), which has a budget of $70 million, and the Natural Sciences and Engineering Research Council (NSERC), with an overall budget of $324.1 million. Beginning in 1987, the granting councils will be able to increase their support for research through matching government grants tied to private sector contributions.

The research councils provide about 80 per cent of the federal government's support of university research. The granting councils report to the federal government but operate independently. The funds are distributed on the advice of scholars through a peer review process. As well as giving research grants, the councils provide funds for travel (enabling professors to conduct research in other parts of Canada or abroad), operating costs for some research centres and money to maintain or buy new research equipment.

In recent years the councils have targeted some of their funds toward specific subjects in areas considered to be of national importance. At NSERC and SSHRC, these are called "strategic" grants and the fields include population aging (SSHRC) and energy (NSERC). MRC funds a limited number of health science research groups in areas such as cardiovascular research, allowing university faculty to conduct collaborative work in areas expected to be especially productive.

Some federal government departments and agencies also provide research funding, often focussed on their particular needs and interests.

Eight of the provincial governments have set up organizations to promote research, both within and outside the university environment. These are: The Nova Scotia Research Foundation, the New Brunswick Research and Productivity Council, the Centre de recherche industrielle du Québec, the Ontario Research Foundation, the Manitoba Research Council, the Saskatchewan Research Council, the Alberta Research Council and the British Columbia Research Council. In addition to promoting research, some of the councils carry out research and development themselves, operate technological centres and provide technical information, advice and testing to business and industry on a fee-for-service basis.

Each of these organizations maintains links with the academic community. Some are located on or near university campuses or use university research equipment and facilities. Others provide funding for contract research or undertake collaborative projects with university researchers. In Quebec the centre evaluates commercial possibilities and markets the results of research conducted by some of the province's universities. In Nova Scotia and New Brunswick the organizations, together with local colleges and universities, are developing research institutes or technology centres.

In recent years universities, too, have become more involved in actively marketing the results of research projects. A number of universities have set up research offices in order to further promote the institution's research efforts.

Students

In the 1980s it has become almost impossible to find an average Canadian student.

Students in the past were predominantly between the ages of 18 and 24, male and financially comfortable. Today, some Canadian university students may still fit the traditional mold, but now women outnumber men in some programs, the single parent supports a family and balances university courses at the same time and mature students, ranging in age from their 20s to their 70s, increasingly turn to university study.

The new composition of the student body is reflected in statistics. In 1984-1985 there were approximately 210,500 males and 195,600 females enrolled as full-time undergraduates. Among part-time undergraduate students women outnumbered men, with about 147,400 females and 96,200 men pursuing part-time undergraduate studies at universities across the country. Among graduate students, men were still more numerous with some 33,700 male full-time graduates and 21,200 female graduate students; 18,800 men and 15,500 women were pursuing graduate studies on a part-time basis.

About 37 per cent of all undergraduates (and nearly 40 per cent of graduate students) now opt for part-time university studies.

Furthermore, approximately 15 per cent of full-time undergraduates and a startling 75 per cent of part-time undergraduates in 1984-1985 were no longer part of the under 25-year old age group which traditionally attended university. This is not to say that high school students no longer choose university. In fact, their numbers have remained relatively stable over the past few years: about 27 per cent of all eligible high school graduates enter university. The greater interest in university studies on the part of older students, along with the continuing presence of high school graduates, has led to enrolment increases across the country in recent years.

Contributing to an interesting mix of university students are approximately 32,600 students from other countries, who make up just over four per cent of the total student population (see page xiii).

Students at Canadian universities generally take their studies seriously. The normal course load for an undergraduate in arts and sciences is five subjects. Part-time students can usually take between one and three courses. Each course involves a minimum of three hours a week (often two lectures and a tutorial or seminar), with laboratories added in some subjects such as science or languages. Students in professional courses such as architecture or medicine often face even heavier work loads, sometimes with as many as 30 hours of classroom instruction alone every week.

In addition to attending classes, students are usually required to write a number of essays and/or examinations in order to complete an undergraduate course. At the graduate level there are often fewer classes, but most students are required to complete the demanding and time-consuming task of writing a thesis. (In a small number of master's programs, however, the thesis has been replaced by additional course work.)

Between 40 and 45 per cent of all Canadian postsecondary students rely on financial aid from provincial or federal governments to help them finance their university studies (see page xiv). Many also work during the summer when classes are not in session, sometimes at jobs related to their studies or career ambitions. A number work part time during the academic year to further fund their studies.

Admissions

Admission standards vary across Canada, since every university sets its own distinct admission standards (see admission requirements for individual universities, in this directory).

Generally, however, universities in the same province maintain similar requirements, particularly for admission to undergraduate arts and science programs. In eight Canadian provinces (B.C., Alberta, Saskatchewan, Manitoba, New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland) students are required to complete 12 years of elementary and secondary education before being eligible for admission to an undergraduate program.

In Ontario and Quebec the admission picture is more complicated. In Ontario students are currently required to complete 13 years of schooling —eight elementary and five secondary level—before receiving the Ontario Secondary School Honour Graduation Diploma, which is the admission requirement for most bachelor and first professional programs at Ontario universities. However, a new system is being phased in at the moment.

By 1988 high school students will be required to complete 30 secondary school credits in either four or five years to receive the Ontario Secondary School Diploma. For admission to Ontario universities, six of these credits will need to be made up of Ontario Academic Courses (OACs), which are new compulsory provincially designed university entrance courses.

At present, four Ontario universities (Carleton, Ottawa, Windsor and Brescia College) offer a preliminary year in certain programs in lieu of Grade 13 studies. Lakehead, Laurentian and McMaster and the University of Ottawa's faculty of administration also admit a small number of highly qualified Grade 12 graduates to the first year of degree programs.

In Quebec students going on to university must obtain a Diploma of Collegial Studies or DCS (Diplôme d'études collégiales or DEC), granted after two years of pre-university study at a CEGEP or Collège d'enseignement général et professionnel. Quebec students enter CEGEP after 11 years of elementary and secondary school.

In many cases high school or CEGEP graduation is not enough to ensure a student admission to a university even in his or her province. (It can become more complicated when applying to an institution in another province.) Specific courses and marks are generally required for entry to each faculty at a Canadian university. Minimum high school marks for arts programs must usually be about 60 to 65 per cent, but much higher marks are required for admission to these courses at some universities. University calendars contain information about specific admission requirements for each faculty.

Most universities will waive regular admission requirements for mature students (usually defined as over the age of 21 or in the work force for a number of years). Mature students may be required to pass special tests or interviews before being admitted.

Students wishing to apply for admission to professional faculties such as law or medicine often must first complete some university-level courses. Professional faculties usually also require students to write specialized entrance tests.

Requirements for graduate study, too, vary from university to university. Generally, though, students must possess a four-year or honours bachelor's degree to be admitted to a master's program. PhD students are admitted on the basis of high achievement at the master's levels. In some cases students may be required to complete entrance examinations in some graduate faculties.

Visa students must have qualifications equivalent to Canadian applicants. (See university calendars or individual university sections in this directory for more information.) A number of universities have set quotas or limits on the number of visa students admitted, particularly in faculties that attract many Canadian applicants such as medicine or engineering.

Academic Year

At most Canadian universities the academic year is divided into two terms or sessions, running from September to December and January to early May. Students are generally admitted in the September term only.

There is usually a short break (about 10 to 15 days) over Christmas. Some universities also suspend classes for a one-week period in February, called "reading week" or "study break".

Universities operating on the two-term system usually also offer a number of courses during the summer.

A few universities are on the semester system, with the academic year divided into three equal terms: from September to December, January to May, and May to September. A student may choose to enrol for one, two or all three terms each year.

A third variation of course scheduling is the cooperative or work-study program, which provides for a term of academic study followed by a term of work experience. The first year of the program is usually spent in the classroom. (See page iv).

Visa students

Visa students—also known as international or foreign students—are those studying in Canada on student visas and authorizations obtained from the Canadian government.

In 1984-1985 about 32,600 visa students attended Canadian universities at the undergraduate and graduate level, making up just over four per cent of the total enrolment. (By comparison—and depending on the definition of both visa students and higher education in each country—foreigners make up roughly 2.6 per cent of the total postsecondary enrolment in the United States, approximately 6 per cent of postsecondary students in the United Kingdom, about 12.3 per cent of the university enrolment in Belgium, and about 20 per cent in Switzerland.)

However, the number of visa students in Canada is on the decline. With the introduction of higher tuition fees for non-Canadians in most provinces, the number of students from abroad who choose to come to Canada has slowed. In fact, in 1984-1985 there was an almost eight per cent drop in total visa student numbers across the country.

A significant percentage of visa students in Canada come from a relatively small number of countries. In 1984-1985, for example, approximately 26 per cent of all visa students at Canadian universities were from Hong Kong. About 11 per cent came from Malaysia while eight per cent were from the United States.

Higher fees for visa students were introduced in a number of Canadian provinces in recent years. The higher fees were implemented by provincial governments partly in response to concerns at the time about the numbers of visa students—which, during the 1970s and early part of the 1980s, were on the increase—and partly in an effort to cut educational costs. In 1985-1986 Alberta, Ontario, Quebec, Nova Scotia, New Brunswick and Prince Edward Island charged visa students higher fees than they did Canadian undergraduates and graduates. In British Columbia differential fees are charged to undergraduate but not graduate students.

Visa students sponsored by CIDA and the World Bank do not pay differential fees. As well, under the terms of a reciprocal agreement between Quebec and a number of countries, visa students from those countries do not pay differential fees at Quebec universities.

Students from other countries who wish to study at Canadian universities must apply directly to the individual university. In Ontario, students should obtain applications from the Ontario Universities Application Centre, P.O. Box 1328, Guelph, Ontario N1H 7PH. There are no Canada-wide examinations or entrance tests to qualify for acceptance. Each university sets its own requirements and may ask visa students to take a test to demonstrate their ability to speak and write either French or English. More detailed information about admission requirements is available from university calendars or in this directory.

Most importantly, would-be students from abroad must apply to the nearest Canadian immigration office or consulate in their home country for a student visa and authorization. Visa students must be able to provide proof of enough funds to cover at least one academic year's stay in Canada as well as return fare home. They must also have a letter of acceptance from a Canadian university before entering this country. Students from the U.S. who have a valid letter of acceptance from a university and evidence of financial support may apply for student authorizations at a port of entry and do not require visas.

Visa students and their dependents are not permitted to work while in Canada except under extremely unusual circumstances, when Canadians or permanent residents cannot be found to fill job openings. They are allowed, however, to accept jobs as teaching or research assistants at universities. In most cases, visa students are not allowed work permits for co-op (work-study) programs. However the federal government has made a very limited number of exceptions for programs in which the work experience is absolutely essential and in some cases visa students may study in Canada and complete their work terms in their own countries.

There is very little financial aid available to visa students, since they are not eligible for government assistance programs. Graduate visa students are more fortunate, however; they may apply for awards such as those offered under the Commonwealth Scholarship and Fellowship Plan (which also provides a few undergraduate awards for programs not offered in a student's home country), the Canadian International Development Agency scholarships, for citizens of countries with which Canada has a bilateral aid program, and Government of Canada Awards, open to students from countries with which Canada has cultural or scholarship exchange agreements (Austria, Belgium, Brazil, Colombia, Denmark, Egypt, Finland, the Federal Republic of Germany, France, Greece, Hungary, Italy, Japan, Mexico, Portugal, Spain, Sweden, Switzerland, Yugoslavia and the People's Republic of China). Information about the three award programs is available from governments in the student's home country.

A number of services exist to help visa students make the transition from their home country to life at a Canadian university. Most universities have foreign student advisors to assist these students. The Canadian Bureau for International Education (CBIE) runs a reception service for visa students at some of Canada's airports from mid-August to mid-September. In 1985 CBIE welcomed more than 6,000 visa students from more than 100 countries. The Quebec government's Service québécois d'accueil aux étudiants étrangers has a similar service at Montreal airports for visa students heading to Quebec universities.

Publications of interest to visa students include the CBIE's *Guide to Foreign Student Authorizations for Canada*, the Canada Employment and Immigration Commission's *Are you planning to study in Canada?* and the AUCC's *Notes for foreign students* and *Canadian directory of awards for graduate study.*

Part-time students

For many students—particularly those juggling their studies with a family or career—part-time studies are an increasingly attractive option. In fact, there are now 246,100 part-time undergraduates studying at universities, making up almost 40 per cent of the undergraduate student body. At some universities part-time students already outnumber their full-time counterparts.

The growth of part-time studies reflects many Canadians' commitment to lifelong learning. A recent survey found that about one out of every five Canadians aged 17 and over had taken an adult education course in that year. Keeping up with technological change in the workplace has brought a number of Canadians back to the classroom to add to their skills. Many students, however, enrol in university courses simply to update their knowledge or to broaden their horizons in new fields of study.

Part-time students generally carry up to 60 per cent of a full course load; in Quebec, however, students can register for as much as 80 per cent of a normal full-time load and still be considered part-time. Many who attend university part-time are also mature students—classified by most universities as over the age of 21 or out of school for at least three years.

With the increasing popularity of part-time studies, universities and colleges have introduced a number of changes over the past decade to better serve the needs of these non-traditional students. Mature students and students without a high school diploma can often gain admission without meeting regular undergraduate requirements, although they may be asked to take extra courses, pass a special test or be interviewed.

Increasingly, universities are scheduling courses and ensuring that libraries and other services stay open on weekends and evenings and during the summer.

Many universities also provide courses in surrounding communities for part-time students.

Distance Education

Distance education has also made university courses a possibility for those in far-flung communities who do not have access to a nearby campus or for those who cannot fit scheduled classes into their lives. Universities use tools such as correspondence courses by mail, audiotapes, cable television broadcasts and teleconferencing to reach such students.

In addition, universities dedicated solely to distance education, such as Athabasca University in Alberta or Quebec's Télé-université, were established to serve the needs of part-time and mature students.

Special Programs

Some universities have also established special programs to ease the transition to higher education for groups of students who traditionally have had less chance of attending university. Nova Scotia's Dalhousie University, for instance, offers a transition-year program to help the province's educationally disadvantaged black and native students prepare for entry to general undergraduate degree courses.

In recent years, universities have also made moves to open their campuses to senior citizens. At most universities across the country, tuition fees are waived for those over the age of 65.

The Elderhostel summer program has also brought increasing numbers of older Canadians to university. Elderhostel is a network of colleges and universities in North America, Britain and Scandinavia that provide short, low-cost residential and academic programs for those over 60. (People under 60 are allowed to attend only if they are accompanying an over-60 participant.) Elderhostel courses, which generally last one week, are taught by regular faculty members. Topics can range from French Canadian culture to the joys of music. More than 20 universities across Canada now offer Elderhostel programs.

Student Costs and Financial Assistance

Because of government funding of universities and financial assistance programs for students, the cost of attending a Canadian university is not beyond the reach of most Canadians. Tuition fees vary depending on the university and program chosen. In 1985-1986, for example, tuition fees for Canadian undergraduate students ranged from a low of about $400 in Quebec (where tuition fees are significantly lower than in the rest of Canada) to a high of around $2,200-$3,200 for some professional and graduate programs. Students at privately supported Trinity Western University and Redeemer Reformed Christian College usually pay even higher fees. Visa students pay higher fees as well (see page xiii). In addition to tuition charges, students are expected to pay a range of fees to cover such services as health, athletics or student societies. Other expenses can include books, supplies and instruments.

Housing and meals, too, can be expensive. The cost of living and eating in a university-run residence in 1985-1986 ranged from a low of about $2,100 to just over $3,800 for the academic year.

Students may use funds from their parents or other relatives, earnings from summer or part-time jobs or savings to pay for university costs. At times, though, these sources are not enough.

Thus, every year, tens of thousands of Canadian students receive financial assistance from various organizations to help pay the cost of going to university.

One source of aid is the universities themselves. Graduate and undergraduate students can receive scholarships, bursaries or loans based on need, academic excellence, athletic merit or sometimes participation in extracurricular activities. The awards may be funded, for example, by the institutions themselves or by business corporations, alumni and community groups. Information about such awards is available from each university.

The federal and provincial governments provide the main source of financial aid to help Canadian students obtain a postsecondary education. Between 40 and 45 per cent of all postsecondary students rely on financial assistance from provincial or federal governments to enable them to further their education. The aid packages vary depending on the student's home province. Only Canadian citizens and permanent residents of Canada are eligible to apply for the following awards. (See page xiii for awards available to visa students.)

Canada

The federal government operates the Canada Student Loans Program for full-time and part-time undergraduates and postgraduates. In 1985-1986, eligible full-time students could receive a loan of up to $105 a week for each week of study; part-time students could borrow up to $2,500 at any one time to cover such costs as books, learning materials or transportation.

Repayment of loans for full-time study usually begins six months after a student leaves school; part-time students must begin to repay loans one month after the loans are issued. The federal government has recently introduced an interest relief program that suspends interest payments for debtors who are temporarily disabled or unable to find work.

Canada Student Loans are administered by nine provincial governments and two territories. The Quebec government withdrew from the federal plan in 1954 and instead receives a lump sum annually from the federal government; Quebec offers its own student aid plan.

In some cases provinces have limited the amount of aid available to students who attend university outside the province.

Each province has different standards and gives out varying amounts for grants or loans. Provinces also set up different regulations governing the amount of money a student must borrow under the Canada Student Loans Program before becoming eligible for provincial funding.

Additional information about the Canada Student Loans Program is available from the Student Assistance Directorate, Department of the Secretary of State, P.O. Box 2090, Postal Station "D", Ottawa, Ontario K1P 6C6.

Newfoundland
Newfoundland provides both Canada Student Loans and provincial grants and will repay a portion of the debt load for those in need after they have left school. Information is available from the Department of Career Development and Advanced Training, Thomson Student Centre, Memorial University, St. John's, Newfoundland A1C 5S7.

Prince Edward Island
P.E.I. students are eligible for Canada Student Loans and provincial grants and may use the funds for study at a recognised postsecondary institution anywhere in the world. Information about student aid is available from the Department of Education, Student Aid Division, P.O. Box 2,000, Charlottetown, Prince Edward Island C1A 7N8.

Nova Scotia
Nova Scotia's aid program is made up of a provincial bursary as well as Canada Student Loan funds. Information is available from the Department of Education, Student Aid Office, P.O. Box 578, Halifax, Nova Scotia B3J 2S9.

New Brunswick
Students receive Canada Student Loans as well as New Brunswick bursaries based on need. New Brunswick will repay some of the outstanding Canada Student Loan debts after graduation, depending on need. Information is available from the Department of Youth and Recreation, Student Aid Division, P.O. Box 6000, Fredericton, New Brunswick E3B 5H1.

Quebec
Quebec does not participate in the Canada Student Loans Program. Quebec residents are eligible for loans and bursaries, with the amount received depending on need. Quebec offers special bursaries for disabled students and those in technical or professional courses. Information is available from Student Financial Aid, Department of Advanced Education and Science, Government of the Province of Quebec, Quebec City, Quebec G1R 5A5.

Ontario
Ontario offers study grants, student loans and Canada Student Loans for up to eight terms or semesters and has special bursaries to help needy part-time students as well as a work-study plan. Information is available from the Ministry of Colleges and Universities, Student Awards Branch, Mowat Block, Queen's Park, Toronto, Ontario M7A 2B4.

Manitoba
Manitoba students may receive Canada Student Loans followed by provincial bursaries or grants. Manitoba offers special opportunity awards to such groups as single parents. The province will also repay a portion of Canada Student Loan debts after a student leaves school based on an assessment of student needs and assets. Information is available from the Department of Education, Student Aid Branch, P.O. Box 6, 693 Taylor Avenue, Winnipeg, Manitoba R3M 3T9.

Saskatchewan
Saskatchewan provides its students with Canada Student Loan funds and provincial bursaries. In May 1986, the province introduced a supplementary loan program and special non-repayable bursaries for single parents. Information is available from the Student Financial Services Branch, Department of Advanced Education and Manpower, 1855 Victoria Avenue, Regina, Saskatchewan S4P 3V5.

Alberta
Depending on need, Alberta students may receive up to $2,000 in provincial grant funds, followed by Canada Student Loans, provincial loans and, if this is not adequate, a supplemental provincial assistance grant. There are special awards for academic and athletic achievements, northern Alberta residents, teachers of the disabled and part-time students, as well as a loan remission program for some students. Information is available from the Department of Advanced Education, Students Finance Board, 10th Floor, Baker Centre, 10025-106 Street, Edmonton, Alberta T5J 1G4.

British Columbia
British Columbia students may receive Canada Student Loans followed by provincial loans. The British Columbia government does not provide bursaries or grants. B.C. offers a loan remission program for graduating students who have received B.C. loans as well as scholarships to the top 30 per cent of postsecondary students. Information is available from the Ministry of Education, Student Services Branch, 3rd Floor, Douglas Building, 617 Government Street, Victoria, British Columbia V8V 4W6.

Yukon Territory
The Yukon provides a grant and Canada Student Loan funds for Yukon residents. Information is available from the Department of Education, the Students Financial Assistance Committee, Government of the Yukon, P.O. Box 2703, Whitehorse, Yukon Territory, Y1A 2C6.

Northwest Territories
Grants, provincial loans and Canada Student Loans are available to students from the Northwest Territories. Special financial assistance is also available in the form of incentive awards for long-term N.W.T. residents who return to employment in the Northwest Territories. Information is available from Student Services, Department of Education, Government of the Northwest Territories, Yellowknife, Northwest Territories X1A 2L9.

In addition to the loans program, the federal government provides a number of other awards for university and college students. These include scholarships, generally available only to graduate students, from individual government departments and agencies, a system of postsecondary awards for Canadian Indians and Inuit, and a range of awards to encourage second language learning. These programs are profiled in *Guide to Federal Sources of Financial Aid for Canadian Postsecondary Students 1986-87*, published by the Secretary of State.

Student services

For most students, life at Canadian universities means more than simply attending classes. Universities offer a diverse selection of programs, services and facilities to enrich the student experience.

Almost all universities provide some accommodation for students, either in residence halls, townhouses or apartments for single or married students, or student-run cooperative houses. In most cases, institutions will also help students find accommodation off-campus.

At many smaller universities the majority of students live in university-run residences. Often, first-year students are encouraged to live in residence and many universities set aside a high percentage of residence rooms for them. As well as providing a room and meals, university residences often offer educational programs that complement the students' academic work.

University campuses usually accommodate a number of cafeterias, snack bars, dining halls and pubs for both residence and off-campus students. As well, bookstores and general stores selling items such as paper, magazines and snacks can be found at most colleges and universities.

A number of services are available on campuses to help students adapt to university life. Counselling services for academic, personal or vocational problems are available. Health services, usually provided by doctors, nurses, psychiatrists and sometimes a university-run infirmary, are also common. Many universities, including those that are non-denominational, have a chaplain and often have a chapel on campus.

In recent years some universities have appointed an ombudsman to referee disputes and hear student complaints. At some universities students have their own ombudsman.

For visa students universities generally have a foreign or international student advisor who can guide them in adjusting to Canada. For students with children some universities provide partially subsidized day care centres.

Most Canadian universities have made significant strides in the past few years in making their buildings and programs more accessible for disabled students. Renovations such as ramps and curb cuts to allow wheelchairs to travel easily on campus sidewalks, and new elevators, often with Braille-labelled buttons, are now common features on many university campuses. Other services at some universities include special machines in libraries to translate printed material into synthetic speech, audiotapes of books and magazines, and phonic ears with extra sensitive equipment to help students with hearing problems listen to lectures.

For many students life outside the classroom often revolves around athletics or campus clubs and associations. Many universities have athletic centres with facilities such as swimming pools, weightlifting rooms or squash courts. Students can take part in recreational or competitive sports and many universities boast both intramural and interuniversity teams in sports such as football, hockey or basketball. (The cost of taking part in athletics is usually paid for by a supplemental charge to all tuition fees.) Participation in sports is compulsory only at Canada's three military colleges.

Student unions or associations are elected by the student body at all Canadian universities. As well as providing a focus for lobbying and political activity to improve students' positions, student unions often stage social and cultural events.

Campus clubs and associations run the gamut from international students' groups to political and religious societies to ski or photography clubs. Most universities have student-run newspapers and a few campuses have student radio stations.

Students or university and college graduates may also take part in a number of international exchange programs sponsored by Employment and Immigration Canada. Such exchanges provide work experience of up to one year in a foreign country, with jobs sometimes related to their career goals. Other work-abroad programs include those run by CUSO, an independent nonprofit organization, that recruits Canadians for contracts in Third World countries, and the Canadian Bureau for International Education which provides an opportunity for young people to volunteer in workcamps in more than 17 countries. Information about these and similar programs is available in the federal government publication, *International Exchange Programs, 1985*.

Students looking for work can often find help at a Canada Employment Centre. Operated by Employment and Immigration Canada, there are more than 100 such centres on or near university and college campuses across the country. The centres provide career counselling and maintain a collection of information about various occupations and employers. In 1984-1985, they placed almost 55,000 students in full-time career oriented employment and another 6,200 students in casual or part-time jobs. During the summer months, there are more than 400 Canada Employment Centres for students, usually located off-campus. Staffed largely by postsecondary students and recent graduates, these centres found summer jobs for some 350,000 high school and postsecondary students in 1985.

Student organizations

A nation-wide student organization, the Canadian Federation of Students (CFS), was formed in 1981, although students have had a national voice since 1926 through the federation's predecessors. CFS, which represents almost half a million postsecondary students at a number of university and college campuses in nine provinces, has as its goals improving accessibility and the quality of postsecondary education in Canada as well as improving the quality of student life. As well, the organization provides students and campus students' associations with a number of services including a travel agency, a system of national retail discounts for students, a work abroad program, and a student issues data bank. Quebec students are represented by the Association nationale des étudiants du Québec (ANEQ) or the Regroupement des associations étudiantes universitaires (RAEU).

Part-time students are also represented by the Canadian Organization of Part-time University Students (COPUS), an association that conducts research studies and lobbies on behalf of part-time university students. COPUS's concerns include, for example, improving student aid programs, increasing evening and weekend campus services, and providing more professional programs on a part-time basis.

Other organizations

Both national and provincial organizations represent the interests of higher education in Canada.

The Council of Ministers of Education, Canada, provides a mechanism for consultation and interaction in educational matters of common interest to the various provincial and territorial governments.

The Association of Universities and Colleges of Canada (AUCC), made up of 82 degree-level institutions across the country, was incorporated under an Act of Parliament in 1965 to foster and promote the interests of higher education in Canada. The association, celebrating its 75th anniversary in 1986, traces its history to 1911 when a group of university heads met to form the Conference of Canadian Universities. Today the AUCC represents universities, making their concerns known to governments, the media and the general public. As well, it promotes study and discussion of and provides information about Canadian higher education.

Organizations that represent academic, administrative or special interest groups within the university community are accorded associate member status in the AUCC. There are 32 associate members with interests as diverse as the Association of Canadian Medical Colleges and the Canadian Interuniversity Athletic Union.

There are also regional and provincial associations across the country, that promote the interests of the universities. These are the Council of Western Canadian University Presidents, the Council of Ontario Universities, the Conference of Rectors and Principals of Quebec Universities and the Association of Atlantic Universities.

An organization devoted to the promotion of research in the field of postsecondary education is the Canadian Society for the Study of Higher Education (CSSHE). A learned society founded in 1970, the CSSHE undertakes a number of projects, including the holding of an annual conference and the publication of the Canadian Journal of Higher Education, to promote the growth and exchange of research and knowledge about Canadian universities and colleges.

Conclusion

Canadian universities and colleges will face many challenges over the next few years.

In the past decade federal and provincial governments have reduced the level of funding for universities. The level of financial support is unlikely to increase dramatically in the near future—if at all—and inflation eats away at university budgets. Universities must continue to find ways to do more, and to do it better, with limited resources.

At the same time, the demand for higher education has been on the increase, with enrolment rising significantly since the beginning of the 1980s. In a new development, more older students are now choosing to attend university, both for general programs and to receive re-training for a new career. The pressure of larger classes coupled with funding restraints has left many universities facing such often unpalatable choices as raising admission requirements, placing strict enrolment quotas on programs or increasing tuition fees. In the next few years, university officials must come to terms with the need to guarantee accessibility for qualified students while also maintaining quality and excellence within the institutions. In financially difficult times, this may be a delicate balancing act.

Faced with strained finances and often encouraged by government policies, there is an increasing emphasis at Canada's universities on cooperation with the private sector. Today's universities know the benefits of working more closely with business and industry. Universities are appealing to business corporations and to the general public for some of the much-needed funds to conduct innovative research, modernize out-dated laboratories and equipment and provide scholarships for students who might otherwise be unable to attend university. But university-industry cooperation is not a one-way street. Universities are demonstrating to industry the value of research that is at the forefront of knowledge and the many opportunities for transfer of technology developed by the universities to the private sector. As a result there is now a growing trend to university-industry cooperation both in research and in the classroom, and to encouraging input of business leaders and industry executives through such organizations as the Corporate-Higher Education Forum, a group which brings together corporate and university leaders to promote relations between the two communities and address issues vital to both.

Perhaps the most significant challenge facing Canadian universities in the next decade, though, will be to prepare their graduates to face an ever-changing technological world. This is the hurdle universities will have to cross if they are to prepare Canadians to meet tomorrow's needs.

Agencies Mentioned
(with addresses)

Alberta - Alberta Research Council, 7th Floor, 4445 Calgary Drive South, Edmonton, Alberta, T6H 5R7.

Alberta - Department of Advanced Education, Students Finance Board, 10th Floor, Baker Centre, 10025-106 Street, Edmonton, Alberta, T5J 1G4.

Association of Atlantic Universities, 1668 Barrington Street, Suite 300, Halifax, Nova Scotia, B3J 2A2.

Association of Canadian Community Colleges, 110 Eglinton Avenue West, 2nd Floor, Toronto, Ontario, M4R 1A3.

Association of Canadian Medical Colleges, 151 Slater Street, Suite 1006, Ottawa, Ontario, K1P 5N1.

Association of Universities and Colleges of Canada (AUCC), 151 Slater Street, Ottawa, Ontario, K1P 5N1.

British Columbia - British Columbia Research Council, 3650 Wesbrook Mall, Vancouver, British Columbia, V6S 2L2.

British Columbia - Ministry of Post-secondary Education, Student Services Branch, 818 Broughton Street, Victoria, British Columbia, V8V 1X4.

British Columbia - Universities Council of British Columbia, Suite 500, 805 West Broadway, Vancouver, British Columbia, V5Z 1K1.

Canada Student Loans Program, Student Assistance Directorate, Department of Secretary of State, P.O. Box 2090, Postal Station 'D', Ottawa, Ontario, K1P 6C6.

Canadian Association of University Teachers, 75 Albert Street, Suite 1001, Ottawa, Ontario, K1P 5E7.

Canadian Bureau for International Education (CBIE), 85 Albert Street, Suite 1400, Ottawa, Ontario, K1P 6A4.

Canadian Federation of Students (CFS), 126 York Street, Suite 300, Ottawa, Ontario, K1N 5T5.

Canadian International Development Agency, Place du Centre, 200 Promenade du Portage, Hull, Quebec, K1A 0G4.

Canadian Interuniversity Athletic Union (CIAU), 333 River Road, 11th Floor, Vanier, Ontario, K1L 8H9.

Canadian Organization of Part-time University Students (COPUS), 45 Valleywoods Road, Unit 34, Don Mills, Ontario, M3A 2R5

Canadian Society for the Study of Higher Education, CSSHE Secretariat, 151 Slater Street, Ottawa, Ontario, K1P 5N1.

Corporate-Higher Education Forum, 1155 Dorchester Boulevard West, Suite 2501, Montreal, Quebec H3B 2K4

CUSO, 135 Rideau Street, Ottawa, Ontario, K1N 9K7.

Council of Maritime Premiers, P.O. Box 2044, 5161 George Street, Suite 1006, Halifax, Nova Scotia, B3J 2Z1.

Council of Ministers of Education, Canada, 252 Bloor Street West, Suite 5-200, Toronto, Ontario M5S 1V5

Council of Western Canadian University Presidents, (COWCUP), The University of Manitoba, Office of the President, Winnipeg, Manitoba, R3T 2N2.

Department of Finance Canada, Place Bell Canada, 160 Elgin Street, Ottawa, Ontario, K1A 0G5.

Elderhostel Canada, P.O. Box 4400, Fredericton, New Brunswick E3B 5A3

Employment and Immigration Canada, Place du Portage, Phase IV, 140 Promenade du Portage, Ottawa, Ontario, K1A 0J9.

Indian and Northern Affairs Canada, Terrasses de la Chaudière, 10 Wellington Street, North Tower, Hull, Quebec, K1A 0H4.

International Development Office (IDO), AUCC, 151 Slater Street, Ottawa, Ontario, K1P 5N1.

Manitoba - Department of Education, Student Aid Branch, P.O. Box 6, 693 Taylor Avenue, Winnipeg, Manitoba, R3M 3T9.

Manitoba - Manitoba Research Council, 2nd Floor, 155 Carlton Street, Winnipeg, Manitoba, R3C 3H8.

Manitoba - Manitoba Universities Grants Commission, Suite 226, 530 Century Street, Winnipeg, Manitoba, R3H 0Y4.

Maritime Provinces Higher Education Commission (MPHEC), 450 King's Place, P.O. Box 6000, Fredericton, New Brunswick, E3B 5H1.

Medical Research Council of Canada, Jeanne Mance Building, Tunney's Pasture, 20th Floor, Ottawa, Ontario, K1A 0W9.

Natural Sciences and Engineering Research Council of Canada, 200 Kent Street, 5th floor, Ottawa, Ontario, K1A 1H5.

New Brunswick - Department of Income Assistance, Student Aid Branch, P.O. Box 6000, Fredericton, New Brunswick, E3B 5H1

New Brunswick - New Brunswick Research and Productivity Council, P.O. Box 6000, College Hill Road, Fredericton, New Brunswick, E3B 5H1.

Newfoundland - Department of Career Development and Advanced Training, Thomson Student Centre, Memorial University, St. John's, Newfoundland, A1C 5S7.

Northwest Territories - Student Services, Department of Education, Government of the Northwest Territories, Yellowknife, Northwest Territories, X1A 2L9.

Nova Scotia - Department of Education, Student Aid Office, P.O. Box 578, Halifax, Nova Scotia, B3J 2S9.

Nova Scotia - Nova Scotia Research Foundation Corporation, P.O. Box 790, Dartmouth, Nova Scotia, B2Y 3Z7.

Ontario - Council of Ontario Universities, 130 St. George Street, Suite 8039, Toronto, Ontario, M5S 2T4.

Ontario - Ministry of Colleges and Universities, Student Awards Branch, Mowat Block, Queen's Park, Toronto, Ontario, M7A 2B4.

Ontario - Ontario Council on University Affairs (OCUA), 700 Bay Street, 7th Floor, Toronto, Ontario, M5G 1Z6.

Ontario - Ontario Research Foundation, Sheridan Park, 2395 Speakman Drive, Mississauga, Ontario, L5K 1B3.

Ontario - Ontario Universities Application Centre, P.O. Box 1328, Guelph, Ontario, N1H 7PH

Prince Edward Island - Department of Education, Student Aid Division, P.O. Box 2000, Charlottetown, Prince Edward Island, C1A 7N8.

Quebec - Association nationale des étudiants du Québec (ANEQ), 1581, rue Dufresne, Montréal, Québec, H2K 3J6.

Quebec - Centre de recherche industrielle du Québec, 333, rue Franquet, C.P. 9038, Sainte-Foy, Québec, G1V 4C7.

Quebec - Conference of Rectors and Principals of Quebec Universities, P.O.Box 952, Place du Parc, Suite 1200, 300 Léo Pariseau Street, Montréal, Québec, H2W 2N1.

Quebec - Conseil des universités, Gouvernement du Québec. 84 Notre Dame Street West, 8th Floor, Montréal, Québec H2Y 1S6.

Quebec - Fédération des associations de professeurs des universités du Québec, 2715, Côte-Sainte-Catherine, Montréal, Québec, H3T 1B6.

Quebec - Regroupement des associations d'étudiants universitaires (RAEU), Centre communautaire, 2332, boulevard Edouard-Montpetit, Montréal, Québec, H3T 1J4.

Quebec - Student Financial Aid, Department of Advanced Education and Science, Government of the Province of Quebec, Quebec, Quebec, G1R 5A5.

Saskatchewan - Federation of Saskatchewan Indian Nations, 107 Hodsman Road, Regina, Saskatchewan S4P 3R9.

Saskatchewan - Saskatchewan Research Council, 15 Innovation Boulevard, Saskatoon, Saskatchewan, S7N 2X8.

Saskatchewan - Student Financial Services Branch, Department of Advanced Education and Manpower, 1855 Victoria Avenue, Regina, Saskatchewan, S4P 3V5.

Science and Technology Canada, 240 Sparks Street, C.D. Howe Building, 8th Floor, Ottawa, Ontario K1A 1A1.

Secretary of State, Jules Léger Building, Terrasses de la Chaudière, 15 Eddy Street, Hull, Quebec, K1A 0M5.

Service québécois d'accueil aux étudiants étrangers, ministère de l'Enseignement supérieur et de la Science, Édifice "G", 1033, de la Chevrotière, 22e étage, Québec, Québec, G1R 5K9.

Social Sciences and Humanities Research Council, 255 Albert Street, P.O. Box 1610, Ottawa, Ontario, K1P 6G4.

Social Sciences Federation of Canada, 151 Slater Street, Room 415, Ottawa, Ontario, K1P 5H3.

Statistics Canada, R.H. Coats Building, Holland Avenue and Scott Street, Tunney's Pasture, Ottawa, Ontario, K1A 0T8.

Student Assistance Directorate, Department of the Secretary of State, P.O. Box 2090, Postal Station "D", Ottawa, Ontario, K1P 6C6.

The World Bank, 1818-H Street N.W., Washington D.C. 20433

Yukon Territory - Department of Education, The Students Financial Assistance Committee, Government of the Yukon, P.O. Box 2703, Whitehorse, Yukon Territory, Y1A 2C6.

Coup d'oeil sur les universités canadiennes

by Christine Tausig

Mme Christine Tausig est agent d'information auprès de l'Association des Universités et Collèges du Canada (AUCC). Ci-devant rédacteur indépendant se spécialisant dans le domaine de l'enseignement supérieur. Mme Tausig avait été précédemment membre du personnel de rédaction du journal de l'Association, Affaires Universitaires.

L'AUCC a fait rédiger l'article intitulé **Coup d'oeil sur les universités canadiennes** pour l'édition de 1984-1985 du Répertoire. Cet article a été considérablement modifié et mis à jour par Mme Tausig aux fins de la présente édition.

Grande diversité

Certaines de nos universités occupent un espace équivalent à celui de douzaines de blocs d'habitations, dans le branle-bas de l'activité urbaine. D'autres sont blotties dans la tranquillité de la campagne. D'autres encore étalent avec fierté leurs campus aux allures champêtres, établis dans de modestes villes canadiennes.

Les universités canadiennes, tout comme le pays lui-même, offrent des champs d'action très divers. Certaines sont de grands établissements conférant une gamme complète de grades aux niveaux du baccalauréat, des grades supérieurs et des professions. D'autres, plus petites, se spécialisent dans les arts libéraux, le génie ou les arts et l'esthétique industrielle. Certaines des universités canadiennes sont francophones, d'autres, anglophones; quelques-unes sont bilingues. Certaines sont fières d'avoir hérité d'une longue tradition religieuse. D'autres ont obtenu une charte royale ou ont été fondées par les gouvernements provinciaux. Enfin, une université canadienne est administrée par les Autochtones, soit la Federation of Saskatchewan Indian Nations.

Quels que soient les besoins, les ambitions de carrière ou les intérêts des étudiants éventuels, ils trouveront infailliblement une université canadienne qui saura répondre à leurs aspirations.

Au Canada, les maisons d'enseignement supérieur sont devenues une partie intégrante influente de la société canadienne et ont servi le pays de bien des façons essentielles.

Elles assurent une formation propre à développer l'esprit critique et les qualités créatrices de l'étudiant. Elles préparent également une main-d'oeuvre hautement qualifiée, grâce à la fois à l'enseignement général des arts et des sciences et à des programmes spécialisés, par exemple en agriculture, en architecture, en génie, en droit ou en médecine.

Les universités touchent la vie quotidienne des Canadiens de bien des façons. En organisant des manifestations du genre expositions scientifiques, séances d'orientation, visites de campus, elles fournissent, particulièrement aux jeunes, l'occasion de découvrir les possibilités d'études postsecondaires. Les professeurs et les étudiants des universités assurent des services de conseillers, le fonctionnement de cliniques médicales et dentaires et une aide aux groupes communautaires pour l'amélioration des conditions de bon voisinage. Des professeurs sont invités à adresser la parole à des groupes de la collectivité et ils présentent souvent, à l'intention du grand public, des causeries dans les domaines particuliers qui les occupent. Les universités font partie intégrante de la mosaïque culturelle du pays, encourageant l'étude des langues, de la littérature, des arts, du théâtre, de la danse, de la musique et de la cinématographie. Les résidants de la localité sont libres de profiter des installations sportives, de la bibliothèque et des salles de réunion de l'université, alors que les salles de théâtre, les galeries d'art et les musées universitaires servent souvent de lieu de rassemblements culturels pour la collectivité.

Les travaux de recherche entrepris par les universités et collèges d'un bout à l'autre du pays améliorent les conditions de vie de tous les Canadiens en sauvant des vies, en permettant de découvrir de nouveaux médicaments et de nouvelles techniques en chirurgie et en aidant les agriculteurs à réaliser des innovations et des améliorations dans le domaine des cultures. Certaines recherches, — par exemple, celles qui ont mené à la découverte de l'insuline ou à la mise au point du stimulateur cardiaque électronique, à l'University of Toronto, — ont immédiatement eu des répercussions spectaculaires. Le modèle du premier casque protecteur dont le port a été approuvé pour les joutes de hockey, par exemple, a été conçu et mis à l'épreuve à l'Université d'Ottawa. On doit à des scientifiques des universités Saskatchewan et Manitoba la découverte du colza canola qui devient rapidement l'une des cultures commerciales les plus importantes du Canada. Cependant, le travail moins spectaculaire exécuté par les chercheurs classiques aux universités de notre pays, ont également leur importance. La recherche de base sur l'atmosphère de Mars, par exemple, a mené à la découverte des "flaireurs" chimiques très sensibles qui peuvent accroître la sécurité aux aéroports en vérifiant la présence d'explosifs et d'autres marchandises illégales.

De nos jours, des Canadiens de plus en plus nombreux se prévalent des expériences polyvalentes et enrichissantes que leur offrent les universités. De fait, plus du quart des diplômés des écoles secondaires du pays poursuivent leurs études à l'université, même si un bon nombre ne vont pas jusqu'au grade.

En 1985-1986, les inscriptions à temps complet dans les universités canadiennes ont augmenté pour la septième année d'affilée. La statistique préliminaire établie par Statistique Canada fait voir que cette année-là les inscriptions à temps complet au niveau du premier cycle s'établissaient à 413,350 tandis que 246,100 autres étudiants, hommes et femmes de tous les âges, poursuivaient des études de premier cycle à temps partiel. Au niveau des grades supérieurs, on comptait 54,300 étudiants à temps complet et 33,750 à temps partiel.

Bien au-delà de 100,000 grades sont conférés chaque année par les universités canadiennes. Près de 1.4 million de Canadiens, — huit pour cent de la population du pays âgée de plus de 15 ans, — détiennent un grade universitaire et près de 18 p. 100 des Canadiens âgés de plus de 20 ans ont suivi des cours à l'université.

Quatre-vingt-deux établissements d'enseignement supérieur sont membres de l'Association des Universités et Collèges du Canada, association à laquelle adhèrent librement les universités et collèges universitaires qui confèrent des grades. De ce nombre, 61 sont anglophones, 16 ont adopté le français comme langue d'enseignement et 5 sont bilingues. En outre, un certain nombre d'universités anglophones ont des facultés ou des collèges affiliés qui sont francophones.

À une exception près, les établissements sont mixtes: Brescia College, affilié à l'University of Western Ontario, est réservé aux femmes; Mount Saint Vincent University, à Halifax (N.-É.) est à prédominance féminine mais les hommes y sont admis à titre d'étudiants externes.

Le réseau des universités canadiennes va des côtes de l'Atlantique le long de Terre-Neuve, à l'est, jusqu'à Victoria (C.-B.) à l'extrémité ouest du Canada et depuis l'université la plus au sud, celle de Windsor (Ont.) jusqu'à celle qui est située le plus au nord, l'Athabasca University.

Définitions

Quand est-ce qu'une université n'est pas une université? Il n'est pas plus facile de répondre à cette question que de tenter de définir l'université elle-même. Dans le domaine de l'enseignement supérieur, les termes peuvent souvent prêter à confusion. Par exemple, un établissement qui confère des grades est normalement appelé une université mais, dans certains cas, il peut également être appelé un institut ou une école. Voici quelques définitions qui pourront servir à élucider quelques uns des termes employés.

Collège: Le mot *collège* peut s'appliquer à un certain nombre d'établissements différents. Il peut équivaloir à une université, être un établissement d'enseignement supérieur pleinement qualifié, autorisé à conférer des grades. Cependant, il peut aussi s'agir d'un secteur spécialisé d'enseignement dans une université; d'autre part, ce peut être tout simplement une petite section d'une grande université. On utilise également le mot collège pour désigner des établissements ne conférant pas de grades, qui dispensent un enseignement technique ou professionnel au niveau postsecondaire ou des cours en vue de l'entrée à l'université. Ces établissements portent souvent le nom de *collèges communautaires* ou, au Québec, celui de collège d'enseignement général et professionnel (cegep).

Institut: Un établissement qui confère des grades s'appelle parfois un *institut.* Toutefois, ce terme désigne plus couramment des sections de recherche ou des groupes d'études multidisciplinaires, souvent au sein d'une université.

Faculté, école: Ici, il y a plus de danger de confusion. En anglais, *Faculty* peut s'appliquer aux membres du corps professoral et aux chercheurs. Néanmoins, ce terme peut aussi désigner une division universitaire (la faculté de médecine, par exemple). Le mot *école* peut parfois désigner, de la même façon, une entité universitaire, par exemple l'école de droit, etc.

Établissement fédéré, filiale, constituante: Les universités et collèges peuvent être associés de diverses façons à une université "mère". Une université ou un collège *fédéré* jouit généralement d'un degré élevé d'autonomie et répond lui-même de son administration. Les collèges fédérés peuvent conférer des grades mais tiennent ce pouvoir "en suspension" temporaire tant que la fédération existe. Certains collèges fédérés ne suspendent qu'une partie de leur pouvoir de conférer des grades. Ils peuvent, par exemple, conserver le droit de conférer des grades en théologie mais non pas en arts et en sciences.

Les établissements *affiliés,* comme les collèges fédérés, répondent de leur propre administration. Toutefois, les collèges affiliés n'ont pas le pouvoir de conférer des grades. En général, dans les établissements affiliés et fédérés, c'est l'université mère qui surveille l'enseignement de toutes les matières prévues dans le contrat de fédération ou d'affiliation et qui décerne les grades dans ces domaines.

Les universités et collèges *constituants* sont complètement incorporés à leur université mère et en font partie intégrante sous les rapports administratif et pédagogique.

Grades, programmes: Il existe généralement trois niveaux de grades accessibles dans les universités canadiennes: le baccalauréat, la maîtrise et le doctorat ou PhD. Un baccalauréat général ès arts et ès sciences exige d'ordinaire trois années d'études. Pour un baccalauréat spécialisé, il faut ajouter une année. Généralement, les programmes préparant à un premier grade professionnel prennent plus de temps encore. Le minimum requis pour une maîtrise à la suite d'un baccalauréat spécialisé est une année, tandis que le PhD exige au moins deux autres années. Un programme consiste en une série choisie de cours préparant à un grade, à un diplôme ou à un certificat.

Éducation permanente et programmes spéciaux: Les universités offrent toute une gamme de programmes novateurs qui répondent aux besoins d'un vaste éventail de la population canadienne. Des programmes spéciaux offerts dans un certain nombre d'universités comprennent des cours abrégés préparant à un certificat professionnel, des études interdisciplinaires et des cours destinés à des groupes particuliers de la société, par exemple les Autochtones. Les programmes d'éducation permanente comprennent des cours du soir ou intersemestriels (généralement l'été) et des cours hors campus. L'éducation permanente peut aussi comprendre *l'enseignement à distance.*

L'enseignement à distance comporte l'éloignement physique du professeur par rapport à l'étudiant et le recours à des instruments tels que la télévision, les cours par correspondance, les bandes sonores et les liaisons par ordinateur pour transmettre l'information.

Un bon nombre des programmes et des cours offerts par les universités peuvent maintenant être suivis à temps partiel. Les étudiants à temps partiel peuvent suivre jusqu'à 60 p. 100 d'un programme complet (jusqu'à 80 p. 100 au Québec). À cause de l'intérêt accru qu'on porte aux études à temps partiel depuis quelques années, les universités offrent maintenant de nombreux cours le soir ou l'été.

Enseignement supérieur, enseignement postsecondaire: L'enseignement supérieur se dispense dans les universités et les collèges qui confèrent des grades; l'enseignement postsecondaire se dispense à la fois dans les universités et les collèges qui confèrent des grades ainsi que dans les collèges techniques, professionnels ou communautaires qui offrent des programmes menant à un diplôme.

Origines et évolution

C'est en 1663,—près de 130 ans après le premier débarquement de Jacques Cartier en terre canadienne et à peine 43 ans après l'arrivée des Pèlerins à Plymouth Rock,—que l'enseignement supérieur a vu le jour au Canada. Monseigneur de Laval, premier évêque de la Nouvelle-France, fondait cette année-là le Séminaire de Québec, dans la ville du même nom, afin surtout de préparer des jeunes aspirants à la prêtrise. C'est le Séminaire qui a servi de fondement à l'Université Laval, créée près de deux siècles plus tard.

À leur origine les universités canadiennes ont bénéficié d'un appui mixte, religieux, gouvernemental et privé. Elles ont pris comme modèles les universités anglaises et écossaise d'Oxford, de Cambridge et d'Edimbourg, les collèges d'arts libéraux et les universités d'État des États-Unis et les collèges classiques français.

La première université anglophone au Canada a été l'University of New Brunswick, établie à Fredericton en 1785 sous le nom d'Académie des arts et des sciences.

Vint ensuite l'University of King's College, située d'abord à Windsor, en Nouvelle-Écosse, puis à Halifax. Parrainé par l'Église d'Angleterre, cet établissement ouvrit ses portes en 1789.

À l'époque, de simples citoyens se mirent eux aussi à établir des universités canadiennes. En 1813, l'Honorable James McGill, un Montréalais éminent, décédait en léguant des terres et des fonds devant servir à la fondation d'un collège ou d'une université. Nommée d'après son bienfaiteur, l'University of McGill College ouvrait d'abord une faculté de médecine en 1829.

En 1867, on comptait 18 établissements conférant des grades, pour une population de quelque 3.5 millions d'habitants dispersés dans les quatre provinces (Nouvelle-Écosse, Nouveau-Brunswick, Ontario et Québec) qui constituaient le Dominion du Canada. C'étaient, pour la plupart, de petits établissements; cinq seulement (Laval, McGill, Toronto, Trinity et Victoria) comptaient plus de 100 étudiants. L'enseignement se concentrait sur la théologie, la médecine, le droit et les arts. Jusqu'en 1875, tous les diplômés étaient des hommes. Cette année-là, après des controverses, Mount Allison University, au Nouveau-Brunswick, était la première à conférer un baccalauréat à une femme.

Dans les provinces de l'Ouest, ce sont les gouvernements provinciaux qui ont joué le rôle principal dans la création des universités. Au début du siècle, l'Alberta, la Saskatchewan et la Colombie-Britannique accordèrent, en succession rapide, des chartes à des universités provinciales.

Sauf durant les deux guerres mondiales et les années qui les ont suivies, les universités canadiennes ont connu une croissance plus ou moins constante jusqu'aux années 1950; elles ont augmenté leurs effectifs étudiants, élargi les champs d'études, créé des écoles supérieures et mis sur pied de nouvelles installations de recherche. Cependant, la génération qui a vu le jour au temps de l' "explosion des naissances", dans l'après-guerre, étant parvenue à la majorité au cours des années 1960, les universités ont connu une expansion spectaculaire: les inscriptions à temps complet ont doublé entre 1955 et 1962 et doublé de nouveau entre 1962 et 1969. Les inscriptions à temps partiel ont également monté en flèche et un plus grand nombre d'étudiants ont entrepris des études supérieures. Au cours de cette période de forte croissance, 19 établissements nouveaux ont obtenu des chartes provinciales. En même temps, des établissements postsecondaires non universitaires, tels que les collèges communautaires, offrant à la fois une formation au travail et des programmes pré-universitaires, se sont multipliés rapidement dans tout le pays.

En cette ère de croissance rapide, une vague d'agitation envahissait les campus universitaires, tant au Canada qu'à l'étranger. Les professeurs d'université commençaient à éprouver le besoin de participer davantage aux processus décisionnels de l'université, notamment d'être représentés aux conseils et aux sénats et d'avoir un mot à dire dans le choix des administrateurs, à tous les paliers. Leurs efforts dans ce sens ont été renforcés par la publication, en 1966, de *Structures administratives des universités au Canada,* rapport rédigé par Sir James Duff et M. R.O. Berdahl, professeur, à la demande conjointe de l'Association des Universités et Collèges du Canada (AUCC) et de l'Association canadienne des professeurs d'université (ACPU). Pendant ce temps, les étudiants, eux aussi, exigeaient une administration plus réfléchie et une voix dans les affaires universitaires. Même si, dans l'ensemble, il n'a pas été aussi perturbateur que dans d'autres parties du monde occidental, le mouvement étudiant au Canada a causé plus d'un remous dans le fonctionnement des universités. Par suite de cette agitation, à la fin des années 1960, des étudiants et des professeurs faisaient partie des conseils d'administration des universités. C'est ainsi qu'en de nombreux établissements ils jouent maintenant un rôle actif au sein des conseils et des sénats, des comités rectoraux de recrutement et des groupes de travail pour la mise au point des programmes d'études et qu'ils prennent part aux débats sur les questions qui intéressent la communauté universitaire.

Toutefois, la période de croissance apparemment illimitée dans le domaine de l'enseignement n'a pas duré. Au cours des années 1970 et au début des années 1980, à mesure que l'économie canadienne ralentissait, la prudence augmentait au pays. Le financement de l'enseignement supérieur par les gouvernements n'est pas allé de pair avec les besoins des universités au cours de la décennie écoulée. Les gouvernements expliquent que les exigences accrues dans d'autres domaines, par exemple au chapitre de la santé et pour la réduction de la dette, pèsent lourdement sur les deniers publics. Les universités, d'autre part, rétorquent que l'enseignement et la recherche sont deux fonctions essentielles au développement économique et social du Canada, dans l'avenir.

Le financement et les gouvernements

Les universités canadiennes reçoivent des fonds de diverses sources.

La part la plus considérable se trouve dans les subventions au fonctionnement accordées par les gouvernements provinciaux (61.9 p. 100 du revenu global des universités canadiennes en 1984-1985). Le gouvernement fédéral contribue indirectement à l'égard de ces subventions du fait des transferts en espèces et de points d'impôt aux provinces. Les subventions directes du gouvernement fédéral accordées principalement à titre d'aide à la recherche universitaire, constituent un autre 9.2 p. 100 des ressources globales. Les dons des anciens, des sociétés ou des fondations de bienfaisance, la vente de services ou de produits et les revenus de placement constituent environ 16 p. 100 du revenu des universités. En général, les droits de scolarité des étudiants ne couvrent qu'environ 11 p. 100 des frais d'administration d'une université.

Toutes les universités qui sont membres de l'Association des Universités et Collèges du Canada, à l'exception de la Trinity Western University et du Redeemer Reformed Christian College, bénéficient des subventions gouvernementales. Les fonds gouvernementaux représentent jusqu'à 90 p. 100 du budget de certaines universités; dans le cas de petits établissements confessionnels, cet appui peut tomber jusqu'à ne représenter qu'un faible pourcentage du revenu de l'université.

Il n'existe pas de service central du gouvernement chargé de l'enseignement supérieur au Canada.

Lorsque fut signé l'Acte de l'Amérique du Nord britannique, en 1867 (rebaptisé Loi sur la Constitution, en 1982), les gouvernements provinciaux se sont vu attribuer "le droit exclusif de légiférer" en matière d'éducation. Ainsi, la responsabilité des universités et collèges du Canada incombe aux 10 gouvernements provinciaux, chacun d'eux ayant mis sur pied ses propres structures d'administration et de financement de l'enseignement supérieur.

Au cours des vingt dernières années, la plupart des provinces se sont dotées d'organismes consultatifs, généralement appelés conseils ou commissions qui servent d'intermédiaires entre la province et ses universités.

Terre-Neuve

Cette province ne possédant qu'une seule université, le Conseil des régents de la Memorial University négocie directement avec le gouvernement provincial toutes les décisions relatives au financement et aux programmes. Le haut fonctionnaire provincial dont relève l'université est le ministre du Développement des carrières et de la Formation avancée.

Le Nouveau-Brunswick, la Nouvelle-Écosse, l'Île-du-Prince-Édouard

C'est le ministre de l'Éducation ou de l'Éducation avancée et de la Formation qui répond de l'enseignement supérieur dans chacune des trois provinces Maritimes. De plus, les provinces collaborent par l'intermédiaire de la Commission de l'enseignement supérieur des provinces Maritimes (CESPM), créée en 1974 par le Conseil des Premiers ministres des Maritimes. Pour conseiller ce dernier, la CESPM prépare un plan annuel de financement de l'enseignement supérieur dans la région et soumet ses avis. En outre, la CESPM fournit des avis et dresse des plans concernant d'autres aspects de l'enseignement postsecondaire en vue d'une utilisation plus efficace des ressources de la région.

Le Québec

Le ministre de l'Enseignement supérieur et de la Science du Québec reçoit les avis du Conseil des universités de la province. Mis sur pied en 1968, ce Conseil établit des plans à long terme à l'intention du système de l'enseignement supérieur dans la province et donne son avis sur la répartition et l'importance des subventions gouvernementales aux universités.

L'Ontario

L'enseignement postsecondaire relève du ministre des Collèges et des Universités qui reçoit les avis du Conseil ontarien des affaires universitaires (COAU). Le COAU formule des recommandations sur des questions telles que les besoins de fonds des universités ontariennes, la répartition des fonds et l'admissibilité des programmes au financement.

Le Manitoba

La Commission des subventions aux universités du Manitoba conseille le ministre de l'Éducation de la province sur les niveaux de financement. C'est l'organisme qui distribue les fonds gouvernementaux aux universités et se prononce sur la question de savoir si les universités peuvent élargir les installations et les programmes existants ou en créer de nouveaux.

La Saskatchewan

Les universités de la Saskatchewan traitent directement avec le ministre de l'Enseignement supérieur et de la Main-d'oeuvre. La commission des universités de la province, qui auparavant conseillait le ministre, a été démembrée en 1983.

L'Alberta

En Alberta, également, chaque université négocie directement avec le ministre de l'Enseignement supérieur de la province. La Commission des universités de l'Alberta a été dissoute en 1973.

La Colombie-Britannique

Le Conseil des universités de la Colombie-Britannique est l'intermédiaire entre les universités de la province et le ministre de l'Enseignement supérieur. Ce Conseil recommande des niveaux de financement, attribue les subventions aux universités et autorise toutes les installations et tous les programmes nouveaux.

Le Canada

Bien que les gouvernements provinciaux conservent la responsabilité en matière d'éducation, le gouvernement fédéral joue également un rôle actif dans ce domaine. C'est le Secrétariat d'État qui assure la coordination et le soutien de la participation fédérale à l'enseignement postsecondaire; le ministère des Affaires indiennes et du Nord fournit les services et les fonds aux Indiens et Inuit dans les universités canadiennes; enfin, le ministère d'État chargé des Sciences et de la Technologie Canada surveille les politiques qui se rapportent aux sciences.

En 1876, le gouvernement fédéral s'est taillé une place dans l'enseignement supérieur en fondant le Collège militaire royal du Canada (CMR) à Kingston, en Ontario, premier de trois collèges militaires relevant encore exclusivement de lui. (Ces collèges constituent une exception à la règle de la juridiction provinciale en matière d'éducation. Le gouvernement fédéral reste le seul soutien du CMR et des deux autres collèges, le Collège militaire royal de Saint-Jean et Royal Roads Military College. Tous trois dispensent des programmes préparant à des grades universitaires.)

Aujourd'hui, la participation fédérale à l'enseignement supérieur tient en grande partie à divers objectifs d'envergure nationale, voire internationale; il s'agit, notamment, de faciliter l'accès aux études supérieures à tous les Canadiens intéressés et possédant les qualités requises; d'éliminer autant que possible les obstacles qui empêcheraient les étudiants, les professeurs et les diplômés de l'enseignement postsecondaire d'aller étudier ou travailler n'importe où au Canada, selon qu'ils le désirent; d'encourager et soutenir la recherche; de fournir aux Canadiens la possibilité d'apprendre l'une des deux langues officielles du pays (le français et l'anglais) et d'établir des liens entre les universités canadiennes et celles de l'étranger.

Le principal apport financier du gouvernement fédéral à l'enseignement supérieur ($4.5 milliards estimativement, en 1985) est régi par la Loi sur les contributions fédérales à l'enseignement postsecondaire et à la santé (connue jusqu'en 1984 sous le nom de Loi sur le financement des programmes établis ou "FPE"). Ainsi, le gouvernement fédéral verse des paiements inconditionnels aux gouvernements des 10 provinces et des deux territoires en appui à l'enseignement postsecondaire. La contribution fédérale revêt la forme d'un paiement en argent comptant, versé par le Secrétariat d'État, et d'un transfert fiscal du ministère des Finances.

De plus, le gouvernement fédéral vient en aide à un certain nombre de programmes pour atteindre ses propres objectifs. Par exemple, il encourage la recherche en subventionnant les universités, les professeurs et les étudiants au niveau des grades supérieurs, par la voie de trois conseils subventionnaires fédéraux: le Conseil de recherches en sciences humaines, le Conseil de recherches en sciences naturelles et en génie et le Conseil de recherches médicales (voir page xxxi).

Assurer la mobilité des étudiants et l'accès aux universités, tels sont les objectifs premiers du Programme canadien de prêts aux étudiants mis sur pied par le gouvernement fédéral pour venir en aide en garantissant des prêts bancaires aux étudiants à temps complet ou à temps partiel qui en ont besoin (voir page xxxv).

Le gouvernement fédéral appuie également l'apprentissage de la langue seconde partout au pays. En 1984-1985, par exemple, il a affecté une somme de $206 millions pour encourager l'apprentissage de la langue seconde aux niveaux primaire, secondaire et postsecondaire. Les fonds,—dont une somme de $66.4 millions est allée au secteur postsecondaire,—ont été versés aux étudiants soit directement, soit par l'intermédiaire des provinces.

De plus, presque tous les ministères du gouvernement fédéral ont un programme d'aide, soit au moyen de subventions particulières à la recherche et de bourses d'études, soit en accordant une aide à la formation dans le cadre de programmes universitaires dans les domaines qui les intéressent.

Ainsi, bien que les provinces aient la responsabilité ultime de l'enseignement supérieur, les gouvernements fédéral et provinciaux contribuent au financement et au succès des universités canadiennes.

Les programmes et les grades

Depuis la comptabilité jusqu'à la zoologie (en passant par des matières aussi variées que la géomorphologie et la scénographie théâtrale), les universités canadiennes offrent des programmes qui répondent à presque tous les goûts et tous les besoins.

Les universités dispensent une vaste gamme de cours, mais on ne peut pas s'attendre à ce que chacune d'elles offre la totalité des quelque 1,500 programmes divers qui existent au pays (voir dans le présent répertoire la section Programmes préparant à un grade, un diplôme ou un certificat).

Des cours en humanités, en sciences sociales, en sciences physiques et en sciences appliquées sont dispensés dans toutes les universités, sauf quelques établissements très spécialisés. Cependant, les études menant à une profession, par exemple la médecine, l'art dentaire, le droit ou l'architecture, ainsi que les programmes de maîtrise et de doctorat n'existent pas partout. Quelques grandes universités offrent l'éventail complet de ces programmes; d'autres se limitent à certains secteurs spécialisés.

Toutes les études de premier cycle à temps complet exigent, en règle générale, le choix de cinq cours complets par année. Au niveau de la maîtrise et du doctorat, il faut en général suivre des cours et rédiger une thèse. Toutefois, certains programmes au niveau des grades supérieurs n'exigent plus de thèse pour les fins de la maîtrise.

La plupart des universités offrent en outre, au niveau des trois cycles, des programmes d'études à temps partiel. De fait, ce régime gagne en popularité: en 1985-1986, plus du tiers des étudiants au niveau du premier cycle étaient à temps partiel. Pour répondre aux besoins de ces étudiants, qui doivent souvent concilier un emploi ou la famille avec les études, les universités offrent maintenant plus de cours du soir, d'été ou intersemestriels.

Les programmes d'alternance étude-travail assurent un autre choix aux étudiants canadiens. Ce régime permet aux étudiants de combiner la théorie et la pratique en consacrant un semestre à l'étude sur le campus, suivi d'un semestre au travail à temps complet dans un emploi choisi en rapport avec son domaine d'étude. (En général, les étudiants passent une année dans la salle de classe avant de se lancer dans le régime d'alternance étude-travail.)

Les programmes d'alternance ont débuté au Canada en 1957, année où la nouvelle University of Waterloo (alors appelée Waterloo College Associate Faculties) offrait son premier cours du genre: un programme de génie consistant en un trimestre d'étude et un trimestre de travail, par semestre. En 1984-1985, 25 universités d'un bout à l'autre du pays dispensaient des programmes d'alternance dans des domaines allant de l'ordinatique aux arts libéraux.

La popularité croissante de l'enseignement à distance témoigne également de la participation grandissante des universités à des formes d'études "non traditionnelles". Comme nous l'avons défini à la page xxxv, ce régime suppose l'éloignement physique du professeur et de l'étudiant. Pour dispenser ce genre d'enseignement, les universités ont recours à plusieurs méthodes, notamment les cours par correspondance ou l'envoi par la poste de bandes magnétoscopiques et de bandes magnétiques à enregistrement sonore, la direction de travaux par téléphone, les émissions télévisées par câbles ou la liaison par ordinateur. Quelques établissements se consacrent exclusivement à ce genre d'études autonomes.

Peu importe qu'il s'agisse d'enseignement à distance ou de cours traditionnels, les universités de tout le pays adressent leur enseignement à une foule de Canadiens. Par exemple, il arrive que les professeurs aillent donner le cours aux étudiants, parcourant parfois jusqu'à 500 km pour se rendre dans des villes et villages éloignés. Dans d'autres cas, des universités de banlieue ont ouvert des sections au centre-ville pour atteindre une clientèle différente.

Quelques universités donnent des cours dans les lieux de travail sous forme de conférences, à l'aide de bandes magnétoscopiques ou de programmes télévisés, dans des industries ou des bureaux locaux. D'autres offrent des cours avec ou sans crédits, dans les centres commerciaux de la localité, dans des centres communautaires ou dans des foyers pour personnes âgées.

La diversité du Canada se reflète de bien des façons dans les universités du pays. Bien que la majorité des universités soient anglophones, quelques-unes sont bilingues et un certain nombre sont francophones, non seulement au Québec, mais aussi en Alberta, au Manitoba, en Nouvelle-Écosse, au Nouveau-Brunswick et en Ontario. En outre, dans certains établissements, les étudiants peuvent répondre aux questions d'examens ou rédiger leurs travaux en l'une ou l'autre des langues officielles.

Un bon nombre d'universités offrent des services et des cours spéciaux aux étudiants autochtones. Par exemple, l'University of Western Ontario leur offre un programme préparant à un diplôme en journalisme; la Brandon University, au Manitoba, dispose d'un certain nombre de programmes qui répondent aux besoins particuliers des enseignants autochtones ou des régions du Nord; l'University of Saskatchewan offre un programme d'été destiné à initier les autochtones à l'étude du droit et à les préparer à des études en bonne et due forme aux écoles de droit du Canada. Le Saskatchewan Indian Federated College, à Regina, établissement d'enseignement postsecondaire dirigé par les Indiens, offre un programme biculturel couronné par un certain nombre de grades, par exemple un baccalauréat en service social indien, axé expressément sur les besoins de la population autochtone du Canada.

Les universités canadiennes travaillent de plus en plus à l'élaboration de programmes visant à aider les établissements et les populations de l'étranger. Un bon nombre d'universités ont établi des liens officiels avec des établissements d'outre-mer, en particulier au Tiers-Monde. La formule le plus fréquemment adoptée consiste dans l'établissement d'un lien en bonne et due forme entre une faculté ou un département d'une université canadienne et un élément correspondant d'une université du Tiers-Monde, alors que des professeurs canadiens se rendent à l'étranger pour y donner des cours et des étudiants du Tiers-Monde viennent au Canada.

Depuis cinq ans les universités canadiennes s'intéressent d'une façon particulière à la Chine. Environ 25 universités canadiennes ont jusqu'ici établi des liens dans divers domaines avec des universités de Chine et l'AUCC a assumé un rôle important dans le cadre d'un vaste projet parrainé par la Banque mondiale et comportant la participation de 60 universités provinciales de Chine.

Parmi les entreprises du Canada en pays étrangers, en ces dernières années, il y a lieu de mentionner l'établissement d'une école technique au Sénégal, par l'École Polytechnique, école de génie affiliée à l'Université de Montréal, la formation d'experts chinois en agriculture, par un consortium groupant l'University of Alberta, l'University of Guelph et Olds College (collège communautaire de l'Alberta) ainsi que des cours de formation mis au point par Guelph à l'intention d'un centre économique de la Banque mondiale. Dans certains cas la participation des universités canadiennes aux travaux à l'étranger peut même sauver des vies. La Memorial University a établi un lien en télémédecine avec l'Université de Nairobi, grâce auquel un échogramme du cerveau d'un enfant hospitalisé à Nairobi peut être transmis par le réseau de télécommunication à des médecins prêts à poser un diagnostic à Terre-Neuve.

Les dirigeants des universités canadiennes sont devenus de plus en plus conscients non seulement de la contribution réelle qu'ils peuvent apporter à l'étranger mais aussi de la mesure dans laquelle leurs propres établissements peuvent en profiter du fait de l'amélioration de l'enseignement et de la recherche grâce à de tels liens internationaux.

Toutes les universités des 10 provinces du Canada ont des caractéristiques qui les distinguent des autres. Les courtes descriptions ci-après ne sont qu'un croquis sur le vif de chacun des établissements. On trouvera de plus amples renseignements dans les pages du présent Répertoire consacrées à chacune des universités.

Terre-Neuve

L'histoire de l'enseignement supérieur dans la plus jeune province canadienne se résume à celle d'un établissement,—Memorial University of Newfoundland. Cette université est issue du Memorial University College, ainsi nommé en mémoire des fils de Terre-Neuve et du Labrador tombés durant la Première Guerre mondiale.

Le campus principal de Memorial est situé dans la capitale provinciale, St. John's; l'université a aussi créé, à Corner Brook, sur la côte ouest de la province, un collège régional, Sir Wilfrid Grenfell, qui dispense les deux premières années d'études universitaires.

En plus d'offrir tout un éventail de programmes d'études au niveau des trois cycles et de la formation aux professions, l'université est une pionnière du télé-enseignement, utilisant des bandes magnétiques à enregistrement sonore, un réseau spécial de téléphone bidirectionnel et la liaison par satellite pour servir la population dispersée de l'île.

La Nouvelle-Écosse

Dans les provinces de l'Atlantique, la proportion d'établissements conférant des grades, par rapport à la population, est plus élevée qu'à peu près n'importe où dans le monde; un bon nombre de ces collèges et universités se trouvent en Nouvelle-Écosse. De fait, près des trois quarts de la population de la province vivent à 50 km au plus d'une université.

La Dalhousie University, la plus grande de la province (comptant plus de 7,000 étudiants du 1er cycle, à temps complet) a conféré son premier grade en 1866. Elle offre toute une gamme de cours depuis le niveau du certificat en étude des costumes jusqu'à celui du diplôme en administration publique et du grade professionnel en droit, en médecine, en art dentaire et en pharmacie.

L'University of King's College, qui est associée à Dalhousie, est la plus vieille université de la province. Fondée en 1789, elle offre un programme unique d'une année de préparation à l'intention des étudiants de première année en humanités et en sciences sociales, les études intégrées étant centrées sur "l'évolution des institutions et des idées dans les sociétés occidentales". Elle dispense également des programmes d'étude en journalisme, en arts, en sciences et en théologie.

Fondée à titre de collège pour les femmes, la Mount Saint Vincent University est une maison d'enseignement des arts libéraux et des sciences, dirigée par les Soeurs de la Charité de Halifax. Elle compte quelque 3,800 étudiants et elle est aujourd'hui mixte, quoique la plus grande partie de l'effectif soit encore du sexe féminin. (Elle accepte des hommes à titre d'externes.) Elle confère des grades dans des disciplines telles que les relations publiques, l'éducation, le commerce, les arts, l'économie domestique et les sciences.

La Saint Mary's University, fondée en 1802, était à l'origine réservée aux hommes et relevait du diocèse catholique. Ouverte aux femmes depuis 1968 et non confessionnelle depuis 1970, St. Mary's veut donner avant tout "un enseignement personnalisé, centré sur l'étudiant". Elle offre des programmes aux niveaux du baccalauréat et des grades supérieurs en arts et en sciences; aux niveaux supérieurs elle offre notamment une maîtrise ès arts en études sur le Canada Atlantique.

Également fondée au 19^{e} siècle, la Saint Francis Xavier University est aujourd'hui une université mixte, catholique, qui dispense des programmes préparant à des grades dans des disciplines telles que les arts, le commerce, les sciences, l'éducation et les sciences infirmières. Elle abrite l'Institut international Coady, de réputation mondiale, foyer du mouvement d'Antigonish, programme de formation des adultes à la débrouillardise, fondé sur les principes de la coopération. Plus de 2,600 personnes de 110 pays sont venues à l'Institut Coady pour y étudier la philosophie et les méthodes du mouvement d'Antigonish et s'initier à l'animation sociale.

L'Acadia University, baptiste au début, maintenant non confessionnelle, est située dans la petite localité de Wolfville. Elle offre des programmes en musique, en informatique, en arts et en sciences appliquées et confère des grades en théologie, par l'intermédiaire de l'Acadia Divinity College qui lui est affilié.

Un certain nombre d'établissements de la province dispensent un enseignement spécialisé. Le Nova Scotia College of Art and Design offre des programmes en esthétique industrielle, en beaux-arts et en enseignement de l'art, à son campus qui consiste en deux blocs de bâtiments historiques restaurés, au bord de l'eau, à Halifax.

La Technical University of Nova Scotia compte près de 950 étudiants de 1^er^ cycle et environ 300 au niveau des 2^e^ et 3^e^ cycles, en architecture, en génie et en informatique, à son campus du centre-ville de Halifax. Les étudiants qui veulent poursuivre leurs études au niveau du baccalauréat en génie doivent avoir suivi un programme de deux ans dans une université coopérante du Canada Atlantique ou l'équivalent dans une autre université. La TUNS abrite un laboratoire de recherche sur les pêches et un institut de recherche contractuelle dans les domaines industriel et de la mécanique; elle a aussi une nouvelle chaire de génie biomédical.

Le Nova Scotia Agricultural College, de Truro, compte environ 550 étudiants de 1^er^ cycle, à temps complet, et quelques étudiants à temps partiel qui poursuivent des études en vue de l'obtention de grades et de diplômes en génie et en sciences agricoles. L'University College of Cape Breton, à Sydney, offre des programmes préparant à des diplômes en technologie ainsi qu'à des diplômes et des grades universitaires.

Le seul établissement francophone de la Nouvelle-Écosse est l'Université Sainte-Anne, située à Pointe-de-l'Église, tout près de la Baie-Sainte-Marie. Elle prépare à divers grades, y compris un baccalauréat ès arts en études canadiennes. Elle répond aussi aux besoins culturels et sociaux des Acadiens des provinces Maritimes.

L'Île-du-Prince-Édouard

L'Île-du-Prince-Édouard, comme Terre-Neuve, ne possède qu'une université. L'University of Prince Edward Island compte environ 2,500 étudiants au niveau du baccalauréat et ne dispense aucun programme de 2^e^ et 3^e^ cycles; elle offre des cours en arts, en administration des entreprises, en éducation, en génie et en sciences, ainsi qu'un programme spécial d'immersion en français. Elle est située à Charlottetown, capitale de la province, et elle est le siège du nouveau Collège vétérinaire qui servira la région de l'Atlantique.

Le Nouveau-Brunswick

L'histoire de l'University of New Brunswick, le plus grand établissement d'enseignement supérieur de la province, remonte à 1785. L'université est fière d'avoir été la première à dispenser un cours de génie (en 1854). Aujourd'hui, elle compte, aux trois cycles, plus de 7,300 étudiants à temps complet et 2,200 à temps partiel et confère des grades entre autres en foresterie, en droit, en arts, en sciences et en génie à ses deux campus (Fredericton et Saint John). Les professeurs de l'UNB vont donner des cours dans une douzaine d'endroits par toute la province; l'université s'occupe également d'enseignement à distance, offrant un certain nombre de cours à l'aide de bandes magnétiques à enregistrement sonore, de la câblodiffusion et de téléconférences. La Maritime Forest Ranger School, école interprovinciale qui offre un cours de formation d'un an à l'intention d'étudiants des deux sexes possédant une certaine expérience en foresterie, est affiliée à l'UNB.

La Saint Thomas University, fédérée à l'UNB et située sur le campus de Fredericton, est une petite université catholique de 1^er^ cycle, accueillant des étudiants de toutes les confessions religieuses. Elle confère des grades en arts, en éducation et en service social.

La Mount Allison University, rattachée à l'Église Unie du Canada, accueille également les étudiants de 1^er^ cycle de toutes croyances religieuses. En plus de l'éventail ordinaire de programmes, Mount Allison offre des programmes interdisciplinaires, par exemple en études américaines, en études canadiennes, en études internationales et en pensée sociale. Elle permet aux étudiants d'établir, de concert avec les professeurs, des programmes interdisciplinaires répondant à leurs besoins particuliers.

Les origines de l'Université de Moncton, établissement francophone du Nouveau-Brunswick, remontent à 1864. Entre autres l'université offre des programmes en administration, en droit, en arts et en sciences de la santé, de même que des cours aux centres universitaires d'Edmundston et de Shippagan.

Le Québec

Les trois universités anglophones et les quatre universités francophones du Québec, situées un peu partout dans la province, dispensent l'enseignement supérieur à plus de 226,000 étudiants. Québec est la seule province du Canada où les étudiants à temps partiel sont plus nombreux que leurs homologues à temps plein.

À elle seule, l'Université du Québec compte plus de 25,000 étudiants à temps complet et 46,000 à temps partiel, au niveau du 1^er^ cycle, dans ses 11 constituantes réparties dans toute la province. Elle forme un réseau de six universités et cinq établissements spécialisés. Les universités situées à Chicoutimi, Hull, Montréal, Rimouski, Trois-Rivières et Rouyn (Abitibi-Témiscamingue) offrent la plupart des programmes du 1^er^ cycle et environ 90 programmes des 2^e^ et 3^e^ cycles, qui correspondent souvent aux besoins de la localité.

Les programmes de l'École nationale d'administration publique, de l'Université du Québec, comprennent un cours de maîtrise en administration publique. À l'École de technologie supérieure, les étudiants peuvent étudier en vue d'un baccalauréat dans un domaine relié à la technologie. Le réseau comprend deux instituts de recherche: l'Institut national de la recherche scientifique, qui se livre à des travaux de recherche fondamentale et de recherche appliquée et dispense, au niveau des grades supérieurs, un enseignement notamment en télécommunications, énergie, santé et océanographie et l'Institut Armand-Frappier, qui offre des programmes de recherche et d'études supérieures par exemple en immunologie, en microbiologie appliquée et en biotechnologie.

La branche de l'Université du Québec qui dispense le télé-enseignement s'appelle la Télé-université; elle compte près de 9,600 étudiants chaque année, la plupart à temps partiel, au niveau du 1^er^ cycle, dans des régions éloignées aussi bien que dans les régions métropolitaines de la province.

L'Université de Montréal est également une grande université comptant quelque 19,200 étudiants à temps complet et 19,200 à temps partiel au niveau du baccalauréat et environ 9,500 étudiants des 2^e^ et 3^e^ cycles. Elle offre un éventail complet de programmes des 1^er^, 2^e^ et 3^e^ cycles et de formation professionnelle, notamment en arts, en sciences, en droit, en médecine, en théologie et le seul programme d'études vétérinaires en langue française, au Canada. L'École des Hautes Études Commerciales, qui dispense un enseignement au niveau des trois cycles, en administration des entreprises, et l'École Polytechnique, école de génie, sont affiliées à l'Université de Montréal.

L'Université Laval appelle son campus de 188 hectares, situé juste à l'ouest de la ville de Québec, une "cité universitaire". À Laval, qui tire son origine du Séminaire de Québec,—la plus vieille maison d'enseignement supérieur au Canada,—les étudiants peuvent s'inscrire à tous les cycles notamment en architecture, en arts visuels, en médecine, en art dentaire, en musique et en sciences. Laval dispense en résidence, durant les trimestres d'été, d'automne et d'hiver, un programme spécial d'enseignement intensif du français aux non-francophones.

L'Université de Sherbrooke, fondée en 1954, offre des programmes aux niveaux du baccalauréat, de la maîtrise et du doctorat, de même que des cours préparant à des certificats et des diplômes dans des disciplines telles que l'éducation, le droit, les arts, l'administration et la médecine.

La McGill University a ouvert ses portes à Montréal en 1829 avec une faculté de médecine. Depuis, elle a élargi considérablement l'éventail de ses programmes; elle compte près de 12,900 étudiants à temps complet et 2,800 à temps partiel, au niveau du baccalauréat; 5,000 étudiants au niveau des grades supérieurs peuvent choisir parmi une vaste gamme de programmes, notamment en architecture, arts, génie, éducation. Elle dispense également des programmes préparant à un diplôme ou à un certificat ainsi que des programmes n'ouvrant pas droit à des crédits, dans des domaines tels que le français pratique destiné aux professionnels, le yiddish et la pédagogie. La soixantaine d'instituts et de centres de recherche de McGill témoigne de la grande diversité des intérêts de l'université et de son engagement certain à l'égard de la recherche.

Egalement établie à Montréal, l'Université Concordia est issue de la fusion de la Sir George Williams University et du Collège Loyola, en 1974. Elle conserve les deux campus, l'un au coeur même de Montréal et l'autre, Loyola, dans l'ouest de la ville. Le fait que les étudiants peuvent suivre à temps partiel la plupart des cours de tous les cycles reflète le ferme attachement de Concordia à cette forme d'enseignement.

Le plus petit établissement de la province, situé à Lennoxville, Bishop's University, compte 1,200 étudiants à temps complet, 750 à temps partiel et une poignée d'étudiants au niveau des 2ᵉ et 3ᵉ cycles. Étant surtout un pensionnat (plus de la moitié des étudiants à temps complet vivent dans les résidences de l'université), Bishop's offre principalement des programmes en arts, en sciences et en administration des entreprises. Le Thomas More Institute for Adult Education, de Montréal, est affilié à Bishop's; il dispense un enseignement préparant à un grade en arts libéraux, conçu spécialement à l'intention des adultes d'âge mûr, de même que des cours n'acheminant pas vers un grade.

Ontario

La province la plus populeuse du pays est également celle qui compte le plus grand nombre d'étudiants d'université. De fait, près de 40 p. 100 de tous les étudiants à temps complet du Canada sont inscrits dans des universités ontariennes.

Les établissements d'enseignement supérieur de la province vont des grandes "multiversités" aux petits collèges d'arts libéraux. Chacun d'eux a une histoire bien à lui et son caractère particulier se reflète dans la plupart de ses programmes.

La plus grande université canadienne est l'University of Toronto (U of T); elle compte 3,600 professeurs à temps complet au service d'environ 30,000 étudiants à temps complet et 13,000 à temps partiel au niveau du 1ᵉʳ cycle, ainsi qu'environ 9,000 étudiants à temps complet et à temps partiel, au niveau des grades supérieurs. Fondée en 1827, l'U of T offre des cours dans une quinzaine de facultés et écoles sur ses trois campus (le campus St. George, au centre-ville, les collèges Scarborough et Erindale en banlieue).

Sont fédérés à Toronto, l'University of Trinity College, rattachée traditionnellement à l'Église anglicane, le Victoria College, rattaché à l'Église Unie du Canada, et l'University of Saint Michael's College, dirigée par les Pères Basiliens. Aucun de ces collèges fédérés n'impose de restrictions à cause des croyances religieuses des étudiants. En plus de ses collèges fédérés, Toronto compte six collèges constituants: Erindale College, situé à 33 km à l'ouest du campus St. George, à Mississauga; le Scarborough College, situé à 32 km à l'est du campus du centre-ville, ainsi que l'Innis College, le New College et l'University College, tous au centre-ville. Le Woodsworth College, créé en 1974, offre des programmes préparant à des grades, des diplômes et des certificats, surtout à l'intention des étudiants à temps partiel.

Chacun des collèges fédérés et des constituants possède de fortes traditions et chaque étudiant en arts et en sciences inscrit au niveau du baccalauréat à l'University of Toronto appartient à l'un d'entre eux. Les collèges dispensent un peu d'enseignement, souvent dans des domaines spécialisés, par exemple les relations internationales à Trinity et les études de cinéma à Innis, en plus d'assurer le logement ainsi que des activités culturelles et sociales.

D'autres universités de la province ont également de très vieilles traditions.

La Queen's University, à Kingston, a obtenu une charte royale en 1841 et elle a conféré ses premiers grades six ans plus tard. Fondée par l'Église presbytérienne du Canada, elle n'est plus confessionnelle et offre une vaste gamme de programmes, notamment en droit, commerce, arts, éducation et sciences appliquées.

Également fondée au 19ᵉ siècle, la McMaster University s'est d'abord installée à Toronto en 1887, puis à Hamilton depuis 1930. Elle confère des grades au niveau des trois cycles, notamment dans le domaine des sciences de la santé, par exemple en médecine, en sciences infirmières et en physiothérapie et elle a adopté une nouvelle méthode d'enseignement des sciences de la santé.

Fondée sous le nom de Collège de Bytown, en 1948, l'Université d'Ottawa est aujourd'hui complètement bilingue et offre des cours en français et en anglais dans des disciplines telles que l'administration, les arts, la médecine et l'éducation, de même qu'un programme de droit civil et de common law.

L'University of Western Ontario, fondée en 1878, compte présentement quelque 24,000 étudiants au niveau du 1ᵉʳ cycle et 2,500 étudiants au niveau des 2ᵉ et 3ᵉ cycles à son campus de London. En plus des cours au niveau des trois cycles et des programmes de formation professionnelle, notamment en droit, en médecine et en journalisme, l'UWO maintient à Trois-Pistoles (Québec) une école d'été qui dispense des cours d'immersion en français ouvrant droit à des crédits.

Sont affiliés à l'UWO, le Brescia College, avant tout un pensionnat et seul établissement accueillant des femmes, exclusivement; le King's College, établissement d'enseignement des arts libéraux et des sciences sociales au niveau du 1ᵉʳ cycle, et parrainé par l'Église catholique, et le Huron College, pensionnat d'enseignement des arts libéraux et de la théologie.

L'University of Windsor, issue du collège plus que centenaire qu'est l'Assumption College, dispense la gamme ordinaire de cours, notamment en droit, en arts, en arts visuels et en génie. Elle offre également, dans des villes voisines, un certain nombre de cours à temps partiel ouvrant droit à des crédits.

La Wilfrid Laurier University, issue de l'Evangelical Lutheran Seminary of Canada fondé à Waterloo en 1911, dispensait son premier cours universitaire en 1923. Elle offre maintenant des cours notamment en sciences, en arts, en commerce et en musique, y compris un diplôme en opéra.

Les universités Lakehead et Carleton ont vu le jour au cours des années 1940. Carleton, située à Ottawa, établie en 1942 sous le nom d'Ottawa Association for the Advancement of Learning, dispense aujourd'hui des cours au niveau des trois cycles, notamment en journalisme, en architecture, en arts et en administration publique. Carleton offre également un certain nombre de cours de maîtrise et de doctorat de concert avec l'Université d'Ottawa.

Après avoir été, au départ, un institut technique, la Lakehead University a commencé à offrir des cours de niveau universitaire en 1948. Ses programmes englobent l'éducation, les arts, l'administration des entreprises, le génie et la foresterie. Elle dispense également un certain nombre de cours dans des collectivités du nord de l'Ontario, dont quelques-unes se trouvent jusqu'à 400 km de son campus de Thunder Bay.

Entre les années 1959 et 1964, le gouvernement de l'Ontario a établi six nouvelles universités réparties en divers endroits de la province et offrant un vaste éventail de cours au niveau des trois cycles et des professions. La Brock University, à St. Catharines, est une petite université dispensant des programmes dans des disciplines telles que les sciences administratives, les sciences pures et appliquées, les arts, l'éducation et la récréation et les loisirs. Elle offre également un nouveau programme menant à un grade en arts libéraux et en sciences.

L'University of Guelph tire son origine de trois établissements: l'Ontario Agricultural College, l'Ontario Veterinary College et le Macdonald Institute of Home Economics. Ils furent amalgamés en 1964 pour former Guelph qui offre aujourd'hui des programmes dans un grand nombre de disciplines, notamment dans les arts, l'administration hôtelière et alimentaire et le génie, tout en conservant ses programmes traditionnels en sciences agricoles, en études sur la famille et la consommation et en médecine vétérinaire. L'University of Guelph est l'une des universités canadiennes les plus actives dans le domaine du développement et de la coopération sur le plan international.

L'Université Laurentienne a été établie en 1960 par suite de la fédération de l'Université de Sudbury,—établissement catholique fondé en 1913,—et de l'Huntington University, rattachée à l'Église Unie. La Thorneloe University, de confession anglicane, s'est jointe à la fédération trois ans plus tard. La Laurentienne est une université bilingue dont les étudiants peuvent recevoir un certificat de bilinguisme après avoir passé avec succès des examens spéciaux; les cours vont des arts au génie et au service social. L'Université de Sudbury, également bilingue et dirigée par les Pères Jésuites, garde en suspens son pouvoir de conférer des grades, sauf pour la théologie.

L'University of Waterloo, pionnière nord-américaine de l'enseignement en alternance, a été fondée en 1957 sous le nom de Waterloo College Associate Faculties, offrant un programme d'un trimestre à un petit groupe d'étudiants en génie. Aujourd'hui, elle offre une vaste gamme de programmes, dont un bon nombre en alternance, y compris des cours en arts appliqués, en mathématiques et en études de l'environnement. Waterloo administre également un vaste programme de cours universitaires par correspondance et elle entretient des liens avec le monde des affaires et l'industrie grâce à la recherche et à l'enseignement. L'University of St. Jerome's College partage le campus de l'University of Waterloo et une bonne partie de ses installations. Fédéré avec Waterloo depuis 1960 le College garde en suspens son pouvoir de conférer des grades.

La Trent University est un petit établissement d'enseignement des arts libéraux et des sciences, fondé en 1963, à Peterborough. Elle est surtout connue pour ses programmes en études canadiennes et autochtones. Un bon nombre des cours de Trent sont de caractère interdisciplinaire, l'enseignement étant souvent dispensé à de petits groupes sous la direction d'un précepteur ou encore à l'occasion de travaux dirigés. Trent est composée de collèges dont chacun se charge de l'enseignement, du logement et des activités hors programme.

La York University, située en bordure nord-ouest du Toronto métropolitain, dispense un vaste éventail de programmes. Connue, entre autres, pour ses études de l'environnement et son programme de beaux-arts, York est également le siège de l'École de droit Osgoode Hall. Les étudiants à temps partiel fréquentent Joseph E. Atkinson College, qui dispense des cours préparant à des grades, à l'intention des étudiants du soir et à temps partiel. Le Glendon College de York, situé au coeur de Toronto, est un établissement bilingue et biculturel qui accorde beaucoup d'importance aux études canadiennes.

Un certain nombre d'établissements spécialisés se trouvent également en Ontario. L'Ontario Institute for Studies in Education (OISE) est à la fois un département d'éducation, au sein de l'école d'études supérieures de l'University of Toronto, et un institut de recherche et de formation au niveau des études supérieures, en éducation; le Collège militaire royal du Canada, établissement bilingue financé uniquement par le gouvernement fédéral, forme des officiers pour les Forces canadiennes; l'Université Saint-Paul, fédérée avec l'Université d'Ottawa, offre notamment des cours en études pastorales et en droit canon; et le Collège dominicain de philosophie et de théologie, fondé en 1909 par l'Ordre catholique des Dominicains, offre des cours de philosophie et de théologie. Le Redeemer Reformed Christian College, qui s'est joint à l'AUCC en 1985, est un établissement d'enseignement des arts libéraux, qui a le pouvoir de conférer des grades; il compte près de 300 étudiants au niveau du 1er cycle. Il offre un cours de trois ans préparant à un baccalauréat en études chrétiennes en général ou avec spécialisation dans des domaines tels que les affaires, les études religieuses et les sciences sociales, de même qu'un cours de quatre ans préparant à un baccalauréat ès arts en éducation, de concert avec un collège du Michigan, É.-U.

Le seul institut polytechnique de l'Ontario est le Ryerson Polytechnical Institute; situé à Toronto, il a été fondé en 1948 pour assurer un enseignement technologique postsecondaire. Autorisé à conférer des grades depuis 1971, Ryerson compte maintenant plus de 30 programmes préparant à des grades et des diplômes en arts, en commerce, en arts appliqués et en services communautaires; il offre également une vaste gamme de sujets reliés à la technologie.

Le Manitoba

L'University of Manitoba, qui compte environ 24,000 étudiants aux trois cycles, est la plus grande des trois universités de la province. Son campus principal est situé à Fort Garry, banlieue éloignée de 14 km du centre de Winnipeg; le campus du collège de médecine et d'art dentaire se trouve au centre-ville de Winnipeg. L'université offre un éventail complet de grades aux niveaux professionnel et des trois cycles d'étude, de même qu'un programme spécial d'études prémédicales qui aide les étudiants manitobains d'ascendance autochtone à satisfaire à toutes les conditions requises pour entrer à la faculté de médecine.

Le Collège universitaire de Saint-Boniface, affilié à l'University of Manitoba, dispense des cours universitaires en français.

Les autres établissements affiliés à l'University of Manitoba sont Saint Paul's College, dirigé par les Jésuites et offrant des programmes en arts et en sciences; Saint Andrew's College qui assure la formation de ministres pour l'Église grecque orthodoxe ukrainienne et Saint John's College, établissement d'enseignement des arts libéraux et de la théologie, rattaché à l'Église anglicane du Canada.

Située au coeur de la ville, l'University of Winnipeg est issue du fusionnement d'un certain nombre de collèges à caractère religieux qui avaient été membres fondateurs de l'University of Manitoba. Connue sous le nom de United College, elle a fonctionné à titre de filiale de Manitoba jusqu'en 1967, annee où elle devint l'University of Winnipeg. Elle confère aujourd'hui des grades au niveau des trois cycles en arts, en sciences, en éducation et en théologie; elle s'engage aussi à offrir des services et des programmes destinés aux communautés du centre-ville.

La Brandon University, mise sur pied par l'Union baptiste de l'Ouest du Canada en 1899, est un établissement autonome depuis 1967. (Elle fut d'abord affiliée à l'University of Manitoba, puis à la McMaster University en Ontario et de nouveau, à l'University of Manitoba.) Brandon offre des programmes en éducation, en musique, en arts, en sciences et en études générales, de même qu'un certain nombre de programmes spéciaux à l'intention des étudiants autochtones, notamment BUILD (Brandon University Indian Leadership Development), qui prépare des enseignants autochtones aux fonctions de directeurs d'école dans le nord du Manitoba, et PENT (Project for Educating Native Teachers), série de cours d'été destinés aux enseignants autochtones.

La Saskatchewan

La Saskatchewan est dotée de deux universités qui ont quatre collèges affiliés. L'University of Saskatchewan (U of S), la plus grande, est située à Saskatoon, sur un campus de 1,033 hectares sur les bords de la rivière Saskatchewan-Sud. (Une partie du campus comprend une ferme universitaire et des lopins d'expérimentation qui servent à illustrer l'enseignement de l'agriculture et des matières connexes.) L'université offre une vaste gamme de programmes en arts, en sciences et dans le domaine professionnel; elle abrite le Western College of Veterinary Medicine, tenu conjointement par les quatre provinces de l'Ouest du Canada.

Le St. Thomas More College, fédéré avec l'U of S depuis 1936, est un établissement rattaché à l'Église catholique qui offre des cours préparant à des grades en arts, en beaux-arts, en musique et en sciences, de même que des programmes interdisciplinaires, notamment en études canadiennes-françaises, en études de l'utilisation des terres et de l'environnement.

Le campus de l'University of Regina fait partie du Wascana Centre Project coparrainé par la ville de Regina, la province et l'université dans l'intention de mettre sur pied des installations gouvernementales et universitaires et d'encourager des activités communautaires à caractère culturel et récréatif. Affiliée à l'U of S jusqu'en 1974, l'université dispense un éventail de cours au niveau des trois cycles, dont un certain nombre comportent une alternance étude-travail. Elle offre aussi un programme préparant à un baccalauréat bilingue en arts ou en éducation; les étudiants qui s'y inscrivent doivent suivre au moins 40 p. 100 et pas plus de 60 p. 100 de leurs cours en français. Régina offre également un programme d'études sur les Plaines canadiennes qui sert de complément aux travaux du Canadian Plains Research Centre de l'université.

Trois collèges sont fédérés avec l'University of Regina: le Luther College, établissement d'enseignement des arts libéraux rattaché à l'Église luthérienne, mais ouvert à toutes les confessions religieuses, le Campion College, dirigé par les Jésuites, également ouvert à toutes les confessions religieuses et le Saskatchewan Indian Federated College. Ce dernier, sous l'autorité de la Federation of Saskatchewan Indian Nations, est le seul établissement d'enseignement postsecondaire au Canada à être dirigé par les Indiens. Le collège, dont les inscriptions à temps plein et à temps partiel se chiffrent, au total, à un peu plus de 550 au niveau du baccalauréat, accueille les étudiants, quels que soient leurs antécédents. Entre autres programmes offerts, il y a lieu de mentionner un baccalauréat en journalisme et communications et un baccalauréat en enseignement primaire axé expressément sur l'enseignement aux Indiens.

Sont affiliés à l'University of Regina, le Canadian Theological Seminary et, depuis 1983, le Gabriel Dumont Institute of Native Studies and Applied Research.

L'Alberta

Quatre universités répondent aux divers besoins des étudiants albertains. L'University of Alberta (U of A), à Edmonton, fondée par la province en 1906, compte aujourd'hui 24,500 étudiants à temps complet et à temps partiel au 1er cycle et plus de 3,800 étudiants aux 2^{e} et 3^{e} cycles. Elle offre une vaste gamme de programmes aux niveaux du baccalauréat, de la maîtrise et du doctorat, de même que des cours au niveau des professions, par exemple en art dentaire, en droit, en médecine et en pharmacie. Elle dispense également à la Faculté Saint-Jean un programme bilingue préparant au baccalauréat en arts, en sciences et en éducation. L'University of Alberta compte six collèges affiliés, rattachés à diverses confessions religieuses: Camrose Lutheran College, Canadian Union College, Concordia Lutheran College, King's College, St. Joseph's College et St. Stephen's College.

L'University of Calgary, qui était autrefois un campus de l'U of A, est devenue autonome en 1964. Encore un peu plus petite que l'University of Alberta (environ 18,500 étudiants au niveau du 1er cycle et plus de 2,000 au niveau des 2^{e} et 3^{e} cycles), Calgary offre une combinaison de programmes de 1er cycle comprenant des études générales, des cours en arts, en commerce, en droit, en médecine et en service social; elle offre également des programmes préparant à des grades supérieurs en communications et en aménagement de l'environnement. Les installations de l'université pour la recherche comprennent un observatoire d'astrophysique construit au pied des Montagnes Rocheuses, au sud-ouest de Calgary, et un centre de recherche sur l'environnement situé dans une réserve forestière, à 60 km à l'ouest de la ville. L'University of Calgary jouera un rôle important lorsque la ville de Calgary accueillera les participants aux Jeux Olympiques d'hiver en 1988. Quelque 2,000 athlètes, le personnel de direction des équipes et le personnel de soutien logeront à l'université et les épreuves de patinage de vitesse se dérouleront sur le campus.

L'University of Lethbridge, ouverte en 1967, dispense son enseignement principalement au niveau du 1^er^ cycle. Elle est connue pour ses programmes de beaux-arts et d'arts d'exécution, ainsi que pour l'intérêt particulier qu'elle porte aux études autochtones.

Une des universités les plus singulières du Canada est en même temps celle qui se trouve le plus au nord. À l'Athabasca University, établie par voie de décret du conseil du gouvernement de l'Alberta en 1970, les étudiants font la plus grande partie, sinon la totalité, de leurs études à la maison. L'université a quitté la ville d'Edmonton pour aller s'installer à Athabasca à l'été de 1984. Toutefois, ses étudiants sont dispersés par tout le pays et ils utilisent un matériel spécial d'étude chez soi, auquel s'ajoutent souvent des émissions radiophoniques ou télévisées, des bandes audio, des ateliers ou des séances de téléconférences. Chaque étudiant se voit assigner un directeur d'études qu'il peut atteindre sans frais par téléphone de toutes les parties du Canada. Athabasca offre un programme de baccalauréat avec concentration en anglais, en français, en études canadiennes, en histoire, en sociologie et en anthropologie, ainsi que des cours généraux en arts libéraux et toute une gamme de cours particuliers.

La Colombie-Britannique
La Colombie-Britannique possède cinq universités.

La plus grande université de la province est l'University of British Columbia (UBC). Située sur un campus panoramique, à Vancouver, elle offre de nombreux programmes au niveau des trois cycles ainsi que des programmes de formation au niveau des professions, de même que des cours par correspondance et des programmes d'éducation permanente dans le domaine des professions. L'UBC compte plus de 23,000 étudiants au niveau du baccalauréat et 3,900 étudiants au niveau des grades supérieurs, tant à temps plein qu'à temps partiel.

La Simon Fraser University domine la ville de Vancouver du haut du Mont Burnaby. En plus d'offrir une gamme de cours au niveau des trois cycles, Simon Fraser dispense notamment des programmes en kinésiologie, en communications de même que des cours préparant à un baccalauréat en sciences appliquées. Il existe des programmes de formation en alternance dans 11 domaines d'étude et des cours par correspondance dans la plupart des disciplines. L'université fonctionne sur une base trimestrielle.

L'University of Victoria, située dans la capitale de la province, offre des cours au niveau des trois cycles notamment en droit, en beaux-arts, en éducation, en génie et en développement humain et social, de même qu'un certain nombre de programmes de formation en alternance.

Royal Roads Military College, également situé à Victoria, est l'un des trois collèges militaires du Canada. Il dispense des cours bilingues préparant à des grades en arts et en sciences, y compris de nouveaux programmes en océanographie et en informatique.

La Trinity Western University, située à 40 km à l'ouest de Vancouver est un établissement d'enseignement des arts libéraux, fondé en 1962 et pratiquant une doctrine évangélique chrétienne. Il accueille les étudiants de n'importe quelle confession religieuse.

Le Yukon et les Territoires du Nord-Ouest
Ces deux régions n'ont pas encore d'établissements de calibre universitaire. Les étudiants désireux de s'inscrire à un programme universitaire doivent se rendre dans une province voisine au sud.

Les professeurs

Il y a aujourd'hui plus de professeurs qui enseignent dans les universités canadiennes qu'il n'y avait d'étudiants en 1920. Le nombre des professeurs a augmenté de façon spectaculaire au cours des vingt dernières années, passant d'environ 5,000, à la fin des années 1950, à un total estimatif de 35,000, à temps complet, en 1984-1985,— soit sept fois autant. (Il s'agit ici d'un chiffre estimatif à défaut de données récentes concernant les professeurs du Québec. Tous les chiffres indiqués dans la présente section relativement aux professeurs excluent le Québec.)

L'explosion de l'emploi au cours de la période d'expansion des universités durant les années 1960 au début des années 1970 a commencé à ralentir tout juste avant la fin de la dernière décennie. En 1970-1971, par exemple, près de 17 p. 100 des professeurs avaient été engagés cette année-là. À la fin des années 1970, la proportion des nouvelles nominations s'était fixée à environ sept pour cent chaque année.

L'expansion rapide a produit certains effets distincts sur la composition du corps professoral canadien.

Les universités canadiennes peuvent engager les professeurs à quatre paliers: chargé de cours, professeur adjoint, professeur agrégé, professeur titulaire. À cause de l'augmentation rapide du nombre des professeurs au cours des années 1960, la majorité des professeurs canadiens ont maintenant atteint les deux paliers supérieurs de l'échelle: en 1984-1985, près de 36 p. 100 étaient des professeurs agrégés et 35 p. 100 des professeurs titulaires. Cinq pour cent seulement étaient au niveau de chargé de cours.

La plupart des professeurs groupés aux paliers supérieurs ont aussi à peu près le même âge. En 1984-1985 près des trois quarts de tous les professeurs canadiens avaient entre 35 et 54 ans et près du quart, entre 40 et 44 ans. À cause de cette situation et des conditions économiques actuelles, les chances sont minces pour les jeunes professeurs qui cherchent un premier poste d'enseignant dans les universités canadiennes.

Au Canada, les professeurs sont en grande majorité du sexe masculin. En 1984-1985, près de 17 p. 100 des professeurs d'un bout à l'autre du pays étaient des femmes, faible augmentation par rapport aux 11 p. 100 de l'année 1958-1959. Les femmes sont plus nombreuses dans des domaines tels que l'éducation (24.6 p. 100 de tous les professeurs dans le domaine de l'éducation étaient des femmes en 1984-1985), les beaux-arts et les arts appliqués (21.7 p. 100) que dans des disciplines telles que le génie et les sciences appliquées (1.6 p. 100).

En moyenne, en 1984-1985, les professeurs du sexe féminin étaient moins bien payés que leur confrères de même rang. Le traitement médian des hommes et des femmes de tous rangs, cette année-là, était de $47,200. Le traitement médian des femmes s'établissait à $38,700, comparativement à $48,800 dans le cas des hommes. Le traitement médian le plus élevé allait aux professeurs d'université de l'Ouest canadien et aux professeurs de génie et de sciences appliquées.

La croissance rapide du corps professoral durant les années 1960 et 1970 a créé un problème aux universités canadiennes. Au cours des années 1960, il a fallu "importer" des professeurs pour répondre aux besoins. Toutefois, cette pratique s'étant poursuivie au cours des années 1970, les media et le grand public, les étudiants et les professeurs eux-mêmes ont jeté les hauts cris en voyant le nombre d'étrangers engagés pour occuper des postes de professeurs dans les universités canadiennes. Cette controverse n'est pas tout à fait éteinte mais, en ces dernières années, la grande majorité des nouvelles nominations sont effectivement allées à des Canadiens ou à des personnes domiciliées en permanence au Canada.

Les lois canadiennes régissant l'immigration limitent maintenant l'engagement de professeurs étrangers à des postes pour lesquels on ne trouve pas de candidats qualifiés parmi les Canadiens ou les personnes domiciliées en permanence au Canada. Ainsi, la plupart des non-Canadiens engagés récemment étaient compétents dans des domaines où existait une pénurie de Canadiens qualifiés.

Les vacances dans les universités sont annoncées dans *Affaires Universitaires*, revue nationale que l'Association des Universités et Collèges du Canada (AUCC) publie 10 fois par année. Les emplois vacants sont également annoncés dans les quotidiens, les revues universitaires et le *Bulletin* de l'Association canadienne des professeurs d'université (ACPU).

L'ACPU représente environ 27,000 professeurs d'université d'un bout à l'autre du pays. En plus de publier son *Bulletin*, elle se livre à des études, fournit des renseignements, exerce des pressions auprès des gouvernements et d'autres organisations pour faire valoir les intérêts des professeurs d'université.

En plus des cours, les tâches des professeurs d'université comprennent souvent la surveillance de laboratoires, la tenue de séminaires et la direction de travaux pratiques, de même que la surveillance des travaux des étudiants au niveau des grades supérieurs. On s'attend à ce que les professeurs fassent de la recherche et se tiennent au courant des faits nouveaux dans leur discipline, en plus de publier régulièrement les résultats de leurs recherches. En outre, ils sont souvent appelés à faire partie de comités administratifs au sein de l'université.

Il arrive souvent aussi que les professeurs aient à participer aux activités communautaires et soient invités à adresser la parole devant des groupes d'étudiants ou de citoyens de la localité, sur une vaste gamme de sujets ayant trait à leurs intérêts professionnels ou personnels. Des professeurs et leurs étudiants, à certaines universités d'un bout à l'autre du Canada, assurent une assistance juridique, tiennent des cliniques dentaires et médicales, donnent des conseils en architecture, offrent des services d'ingénieurs-conseils et des indications en matière de commercialisation aux petites entreprises. À la Memorial University, sur les bords de l'Atlantique, des professeurs vont même jusqu'à diriger un service gratuit de 24 heures, pour le dégagement des baleines, afin d'aider les pêcheurs de Terre-Neuve qui trouvent des baleines empêtrées dans leurs filets.

Les universités canadiennes ont un régime de permanence qui se définit habituellement comme correspondant à une nomination dont la durée n'est pas déterminée et à laquelle seuls la démission, la retraite ou le renvoi motivé peuvent mettre fin. La permanence, dont jouissent estimativement environ les trois quarts des professeurs dans tout le pays, vise à protéger la liberté dans l'enseignement et la recherche universitaires. La plupart des établissements accordent la permanence et l'avancement d'après l'évaluation, par un comité, de la qualité de l'enseignement et de la recherche d'un professeur.

Les professeurs d'université, au Canada, en plus du traitement qui leur est accordé, bénéficient d'avantages sociaux dans le cadre de régimes de pension, d'assurance-vie et d'assurance-maladie. Dans la plupart des universités, les professeurs qui jouissent de la permanence peuvent demander une année de congé sabbatique pour fins de recherche ou de perfectionnement dans la profession, habituellement après six années d'enseignement, et toucher durant cette période une partie de leur traitement (généralement 75 p. 100).

La négociation collective existe depuis 1971 chez les professeurs d'université du Canada. L'Université du Québec à Montréal a eu le premier syndicat ou la première association de professeurs à devenir unité de négociation collective accréditée et elle a été la première à signer une convention collective.

En 1983-1984, environ les deux tiers des professeurs à temps complet au Canada étaient membres d'unités de négociation collective, reconnues par la province, ou participaient à des régimes spéciaux non réglementés par la législation provinciale.

Chaque unité de négociation négocie avec son université ou son collège les contrats de salaires et d'avantages sociaux. Les associations locales peuvent appartenir à une fédération provinciale, de même qu'au groupe national, l'ACPU. (C'est la Fédération des associations de professeurs des universités du Québec qui représente les professeurs d'université du Québec; elle est membre de l'ACPU doté d'un statut spécial.)

Les professeurs d'université au Canada sont également membres de sociétés ou d'associations nationales vouées aux domaines du savoir qui les intéressent particulièrement. Les Sociétés savantes, par exemple, représentent le domaine des sciences sociales et des humanités. Elles tiennent un congrès national dans une université différente, chaque été, alors qu'elles font rapport des nouveaux résultats de la recherche et en discutent.

La recherche

Dans les universités canadiennes, les travaux de recherche sont aussi variés que les établissements eux-mêmes.

Dans certaines universités les scientifiques associent des indices pour essayer de trouver une cure à des maladies telles que le cancer ou le diabète. Ailleurs, les chercheurs mettent au point de nouvelles techniques pour accroître le rendement de l'énergie ou la production alimentaire. Chez d'autres encore, les professeurs découvrent de nouvelles données et formulent des opinions critiques en histoire, en littérature ou en musique.

Qu'il s'agisse de recherche appliquée, donc directement applicable dans la vie de tous les jours, ou de recherche fondamentale, qui recule les frontières du savoir, la recherche poursuivie par les professeurs dans les universités canadiennes profite souvent aux Canadiens et à d'autres personnes quelque part dans le monde.

Presque tous les professeurs canadiens sont censés faire de la recherche dans leur spécialité. L'avancement et la permanence sont souvent directement reliés à la somme et à la qualité de ces travaux de recherche.

Les travaux de recherche sont financés de diverses façons. Une partie du soutien vient des universités elles-mêmes, soit directement, soit par la disponibilité des installations, de l'équipement et du personnel requis pour l'exécution des travaux.

Les fonds pour la recherche peuvent aussi venir de sociétés privées ou de fondations de charité. Souvent, cette recherche est liée aux besoins d'une société et les professeurs peuvent parfois entreprendre de tels travaux par contrat, en plus de leurs tâches universitaires.

Le gouvernement fédéral est le soutien unique de la recherche universitaire qui est le plus considérable. Ses fonds sont principalement distribués par l'intermédiaire de trois conseils subventionnaires: le Conseil de recherches médicales (CRM) qui a, pour 1986-1987, un budget de $167.9 millions, le Conseil de recherches en sciences humaines (CRSH), qui a un budget de $70 millions et le Conseil de recherches en sciences naturelles et en génie (CRSNG) dont le budget total est de $324.1 millions.

À compter de 1987, les conseils subventionnaires pourront accroître leur appui à la recherche grâce à des subventions gouvernementales parallèles liées aux contributions du secteur privé.

Les conseils de recherche fournissent environ 80 p. 100 de l'appui du gouvernement fédéral à la recherche universitaire. Ils relèvent du gouvernement fédéral, mais fonctionnent de façon autonome. Les fonds sont distribués sur l'avis de chercheurs, selon un processus de revue par des pairs. En plus d'accorder des subventions à la recherche, les conseils fournissent des fonds à l'égard des déplacements (ce qui permet aux professeurs d'aller faire des recherches ailleurs au Canada ou encore à l'étranger), des frais de fonctionnement de certains centres de recherche et pour l'entretien ou le renouvellement de l'équipement de recherche.

En ces dernières années, les conseils ont destiné une partie de leurs fonds à des sujets particuliers dans des domaines considérés comme étant d'importance nationale. Au CRSNG et au CRSH, ces subventions sont dites "stratégiques" et parmi les domaines en question il y a lieu de mentionner le vieillissement de la population (CRSH) et l'énergie (CRSNG). Le CRM finance un nombre limité de groupes de recherche en sciences de la santé dans des domaines comme celui de la recherche cardiovasculaire, permettant à des professeurs d'université d'effectuer des travaux en collaboration dans des domaines censés être particulièrement productifs.

Certains ministères et organismes du gouvernement fédéral accordent également des fonds pour la recherche, souvent en fonction de leurs besoins et de leurs intérêts particuliers.

Huit des gouvernements provinciaux ont mis sur pied des organisations chargées de promouvoir la recherche à la fois à l'intérieur et à l'extérieur du milieu universitaire. Ce sont: la Nova Scotia Research Foundation, le Conseil de recherche et de productivité du Nouveau-Brunswick, le Centre de recherche industrielle du Québec, l'Ontario Research Foundation, le Manitoba Research Council, le Saskatchewan Research Council, l'Alberta Research Council et le British Columbia Research Council. En plus d'encourager la recherche, quelques-uns des conseils s'adonnent eux-mêmes à la recherche et au développement, dirigent des centres de technologie et dispensent des renseignements techniques, des avis et des analyses aux entreprises commerciales et industrielles sur une base de rémunération à l'acte.

Chacune de ces organisations entretient des liens avec le monde universitaire. Certaines sont situées à proximité ou à l'intérieur des campus universitaires ou utilisent l'équipement et les installations de recherche des universités. D'autres accordent des fonds à la recherche contractuelle ou entreprennent des travaux en collaboration avec les chercheurs des universités. Au Québec, le Centre évalue les possibilités commerciales et il commercialise les résultats de la recherche effectuée par certaines des universités de la province. En Nouvelle-Écosse et au Nouveau-Brunswick les organisations, de concert avec les collèges et les universités de la localité, mettent sur pied des instituts de recherche ou des centres de technologie.

En ces dernières années les universités, elles aussi, se sont appliquées davantage à la commercialisation effective des résultats de la recherche. Un certain nombre d'entre elles ont établi des bureaux de recherche dans l'intention d'accroître l'encouragement aux efforts déployés par l'établissement au chapitre de la recherche.

Les étudiants

Dans les années 1980, il est devenu presque impossible de trouver un étudiant canadien "moyen".

Autrefois, la majorité des étudiants étaient âgés de 18 à 24 ans, de sexe masculin et financièrement à l'aise. Aujourd'hui, certains étudiants d'université canadiens peuvent encore être assimilés au modèle traditionnel mais, à l'heure actuelle, les effectifs féminins l'emportent sur les effectifs masculins dans le cas de certains programmes; le parent célibataire soutient une famille et poursuit en même temps sa formation universitaire; les étudiants adultes, dont l'âge varie entre 20 et 70 ans et plus, sont de plus en plus nombreux à retourner aux études universitaires.

La statistique révèle une nouvelle composition du corps étudiant. En 1984-1985, il y avait près de 210,500 hommes et 195,600 femmes inscrits à temps complet au niveau du 1er cycle. Parmi les étudiants à temps partiel au même niveau, les effectifs féminins l'emportaient en nombre sur les effectifs masculins alors que 147,400 femmes et 96,200 hommes poursuivaient des études à temps partiel dans les universités par tout le pays. Au niveau des grades supérieurs, les hommes étaient encore les plus nombreux, alors que 33,700 étudiants et 21,200 étudiantes étaient inscrits à plein temps et 18,800 hommes et 15,500 femmes à temps partiel.

Environ 37 p. 100 de tous les étudiants du 1er cycle (et près de 40 p. 100 des étudiants des 2e et 3e cycles) optent maintenant pour des études universitaires à temps partiel.

De plus, au baccalauréat, environ 15 p. 100 des étudiants à plein temps et une proportion étonnante de 75 p. 100 des étudiants à temps partiel en 1984-1985 ne faisaient plus partie du groupe des moins de 25 ans qui traditionnellement fréquentait l'université. Ce n'est pas que les élèves des écoles secondaires ne se dirigent plus vers l'université. De fait, leur nombre est demeuré relativement stable au cours des quelques dernières années: environ 27 p. 100 de tous les diplômés d'écoles secondaires admissibles à l'université s'y inscrivent. L'intérêt accru à l'égard des études universitaires manifesté par les étudiants plus âgés et la présence continue des diplômés d'écoles secondaires ont contribué à la hausse des inscriptions en ces dernières années, par tout le pays.

Les quelque 32,600 étudiants d'autres pays, qui constituent un peu plus de quatre pour cent de la population étudiante globale (voir page xxxiv) contribuent à assurer une intéressante diversité à cette population.

Les étudiants des universités canadiennes prennent généralement leurs études au sérieux. Le programme normal au niveau des baccalauréats ès arts et ès sciences comprend cinq matières. Les étudiants à temps partiel peuvent d'ordinaire suivre de un à trois cours. Chaque cours exige au moins trois heures par semaine (souvent deux cours magistraux et un séminaire ou un travail pratique), en plus des travaux en laboratoire dans le cas de certains sujets comme les sciences et les langues. Les étudiants inscrits à des programmes préparant à une profession, par exemple l'architecture ou la médecine, ont souvent des programmes plus chargés alors que parfois jusqu'à 30 heures par semaine sont réservées au seul enseignement en classe.

En plus d'assister aux cours, les étudiants du 1er cycle doivent généralement rédiger un certain nombre de travaux et (ou) subir des examens pour satisfaire à toutes les exigences de leur programme d'études. Aux 2e et 3e cycles, les cours sont souvent moins nombreux, mais la plupart des étudiants doivent s'astreindre à la tâche longue et exigeante que représente la rédaction d'une thèse. (Cependant, dans le cas de quelques programmes de maîtrise, la thèse a été remplacée par des cours additionnels.)

Entre 40 et 45 p. 100 de tous les étudiants canadiens du niveau postsecondaire comptent sur l'aide financière des gouvernements provinciaux ou fédéral pour arriver à financer leurs études universitaires (voir page xxxv). Un grand nombre travaillent également l'été, durant les vacances, parfois dans des emplois reliés à leurs études ou à leurs aspirations professionnelles. D'autres ont des emplois à temps partiel durant l'année universitaire pour faciliter le financement de leurs études.

L'admission

Les normes concernant l'admission varient d'un bout à l'autre du Canada étant donné que chaque université canadienne établit ses propres normes en la matière (voir "Les conditions d'admission" de chacune dans le présent Répertoire).

En règle générale, cependant, les universités d'une même province ont les mêmes exigences, en particulier pour l'admission aux programmes des baccalauréats ès arts et ès sciences. Dans huit provinces canadiennes (la C.-B., l'Alberta, la Saskatchewan, le Manitoba, le Nouveau-Brunswick, l'Île-du-Prince-Édouard, la Nouvelle-Écosse et Terre-Neuve), les élèves doivent terminer 12 années d'études primaires et secondaires avant d'être admissibles à un programme universitaire de 1er cycle.

En Ontario et au Québec, le processus d'admission est plus compliqué. En Ontario, à l'heure actuelle, les étudiants doivent compter 13 années complètes d'études,—huit au niveau primaire et cinq au niveau secondaire,—avant d'obtenir le Diplôme d'études secondaires supérieures de l'Ontario exigé pour l'admission à la plupart des programmes de baccalauréat et à la première année d'étude des professions dans les universités de l'Ontario. Cependant, on est à introduire progressivement un nouveau système, présentement.

En 1988, les élèves des écoles secondaires devront avoir obtenu 30 crédits d'école secondaire en quatre ou cinq années pour se voir accorder le Diplôme d'études secondaires de l'Ontario. Aux fins de l'admission aux universités de l'Ontario, six de ces crédits devront s'appliquer aux cours préparatoires de l'Ontario (CPO), qui sont de nouveaux cours obligatoires établis par la province aux fins de l'entrée à l'université.

À l'heure actuelle, quatre universités de l'Ontario (Carleton, Ottawa, Windsor et Brescia College) offrent une année de propédeutique dans le cas de certains programmes, au lieu de la 13e année. À Lakehead, aux universités Laurentienne et McMaster et à la faculté d'administration de l'Université d'Ottawa, on accepte également un petit nombre de diplômés de 12e année très compétents, à la première année de programmes préparant à un grade.

Au Québec, les élèves qui désirent poursuivre leurs études à l'université doivent obtenir un Diplôme d'études collégiales (DEC) accordé après deux années d'études préuniversitaires à un Collège d'enseignement général et professionnel (cegep). Les élèves du Québec entrent au cegep après 11 années d'études primaires et secondaires.

Dans bien des cas, le diplôme d'école secondaire ou de cegep ne suffit pas pour assurer l'admission d'un candidat à l'université, même dans sa province. (La situation pourrait se compliquer davantage s'il demande son admission à un établissement dans une autre province.) En règle générale, il faut avoir suivi des cours particuliers et obtenu les notes voulues pour entrer dans chaque faculté d'une université canadienne. Les notes minimums conservées au niveau secondaire, pour les fins de l'admission aux programmes d'arts se situent d'ordinaire à environ entre 60 et 65 p. 100, mais certaines universités les fixent à un niveau beaucoup plus élevé. Les annuaires d'université renferment des renseignements sur les conditions expresses d'admission à chaque faculté.

La plupart des universités dispensent des conditions normales d'admission les étudiants adultes (généralement définis comme ayant plus de 21 ans ou ayant fait partie de la population active depuis un certain nombre d'années). Ces étudiants pourraient être tenus de se soumettre à des épreuves ou à des entrevues particulières avant l'admission.

Les candidats qui veulent demander leur admission à des facultés au niveau des professions, par exemple le droit ou la médecine, doivent souvent suivre d'abord certains cours de niveau universitaire. Au niveau de l'étude des professions, on exige habituellement, en outre, que les candidats passent par écrit des tests d'admission spécialisés.

Pour l'admission aux études au niveau des grades supérieurs, les conditions varient aussi d'une université à l'autre. En général, toutefois, les étudiants doivent détenir un baccalauréat de quatre ans ou spécialisé pour être admis à un programme de maîtrise. Les étudiants au niveau du doctorat sont admis à la condition d'avoir obtenu d'excellents résultats à la maîtrise. Parfois, les étudiants pourraient devoir se soumettre à des examens d'entrée à certaines facultés au niveau des 2e et 3e cycles.

Les étudiants détenteurs de visa doivent posséder des qualités équivalant à celles des postulants canadiens. (Pour de plus amples renseignements, voir l'annuaire de chacune des universités ou les sections traitant de chaque université dans le présent Répertoire.) Un certain nombre d'universités ont établi des contingentements ou des limites pour l'admission des étudiants détenteurs de visa, en particulier dans les facultés qui attirent un grand nombre de candidats canadiens, comme la médecine ou le génie.

L'année universitaire

Dans la plupart des universités canadiennes, l'année universitaire se divise en deux semestres ou sessions allant de septembre à décembre et de janvier au début de mai. Les étudiants sont généralement admis au semestre de septembre seulement.

D'ordinaire, il y a un bref repos (de 10 à 15 jours) à Noël. Quelques universités suspendent également les cours pendant une semaine en février; on appelle cette période "semaine de lecture" ou "semaine d'étude".

Les universités qui fonctionnent selon le système de deux sessions offrent aussi, habituellement, un certain nombre de cours durant l'été.

Quelques universités divisent leur année en trois sessions égales: de septembre à décembre, de janvier à mai et de mai à septembre. Un étudiant peut s'inscrire à une, deux ou trois sessions chaque année.

Un troisième mode d'agencement des cours consiste dans le régime d'alternance étude-travail qui prévoit une session à l'université suivie d'une session de travail pratique. La première année du programme se passe généralement en classe. (Voir page xxiv).

Les étudiants détenteurs de visa

Les étudiants détenteurs de visa, aussi appelés étudiants internationaux ou étrangers, sont ceux qui viennent poursuivre leurs études au Canada munis d'un visa ou d'une autorisation accordés par le gouvernement canadien.

En 1984-1985, environ 32.600 détenteurs de visa fréquentaient des universités canadiennes au niveau des trois cycles, soit un peu plus de quatre pour cent de l'ensemble des effectifs. (En comparaison,—et selon la définition d'étudiant détenteur de visa et d'enseignement supérieur dans chaque pays—les étrangers représentent environ 2.6 p. 100 du total des étudiants inscrits au niveau postsecondaire aux Etats-Unis et près de six pour cent au Royaume-Uni, environ 12.3 p. 100 des étudiants d'université en Belgique et environ 20 p. 100 en Suisse.)

Cependant, le nombre d'étudiants détenteurs de visa est à la baisse au Canada. Avec la hausse des droits de scolarité exigés des non-Canadiens dans la plupart des provinces, le nombre des étudiants étrangers qui ont choisi de venir au Canada a diminué. De fait, en 1984-1985 on a enregistré une baisse de près de huit pour cent dans le nombre d'étudiants détenteurs de visa, par tout le pays.

Un fort pourcentage des détenteurs de visa au Canada viennent d'un nombre relativement restreint de pays. En 1984-1985, par exemple, près de 26 p. 100 de tous les étudiants détenteurs de visa dans les universités canadiennes venaient de Hong Kong; environ 11 p. 100 venaient de Malaisie et huit pour cent des États-Unis.

En ces dernières années, un certain nombre de provinces canadiennes ont haussé les droits de scolarité exigés des étudiants détenteurs de visa. Ces droits accrus ont été appliqués par les gouvernements provinciaux en partie pour calmer les inquiétudes d'alors à propos du nombre d'étudiants détenteurs de visa,—qui, au cours des années 1970 et au début des années 1980, était à la hausse,—et en partie pour tenter de réduire les dépenses au chapitre de l'enseignement. En 1985-1986, l'Alberta, l'Ontario, le Québec, la Nouvelle-Écosse, le Nouveau-Brunswick et l'Île-du-Prince-Édouard exigeaient des étudiants détenteurs de visa des droits supérieurs à ce qu'ils exigeaient des étudiants canadiens aux trois cycles. En Colombie-Britannique des taux différenciés sont exigés des étudiants au niveau du 1^er^ cycle, mais non pas des étudiants des 2^e^ et 3^e^ cycles.

Les étudiants détenteurs de visa, parrainés par l'ACDI et par la Banque mondiale n'ont pas à payer de droits différenciés. De même, en vertu des conditions d'un accord réciproque entre le Québec et un certain nombre de pays, les étudiants détenteurs de visa, en provenance de ces pays, ne paient pas de droits différenciés aux universités du Québec.

Les étudiants d'autres pays qui veulent s'inscrire dans une université canadienne doivent s'adresser directement à elle. En Ontario, les étudiants doivent se procurer des formules de demande auprès du Centre de réception des demandes d'admission aux universités de l'Ontario, C.P. 1328, Guelph (Ont.) N1H 7P4. Il n'existe pas d'examen canadien général ni de tests d'admission. Chaque université fixe ses propres conditions et peut demander aux détenteurs de visa de passer une épreuve pour établir leur aptitude à parler et à écrire le français ou l'anglais. On peut obtenir de plus amples renseignements sur les conditions d'admission en consultant les annuaires des universités ou le présent Répertoire.

Ce qui importe davantage, c'est que les candidats éventuels de l'étranger doivent demander un visa d'étudiant et une autorisation au bureau de l'immigration ou au consulat canadien le plus près, dans leur pays d'origine. Les étudiants détenteurs d'un visa doivent être en mesure de fournir la preuve qu'ils ont les fonds nécessaires pour acquitter les frais de séjour d'au moins une année universitaire au Canada, de même que le coût de leur voyage de retour chez eux. Il doivent également obtenir une lettre d'acceptation d'une université canadienne avant d'entrer au Canada. Les étudiants des États-Unis qui possèdent une lettre valide d'acceptation d'une université et une preuve d'autosuffisance financière peuvent demander une autorisation d'étudiant à un bureau d'entrée; il n'ont pas besoin de visa.

Les étudiants détenteurs de visa et les personnes à leur charge ne sont pas autorisés à travailler durant leur séjour au Canada, sauf en des circonstances tout à fait extraordinaires, quand on ne peut trouver un Canadien ni une personne domiciliée en permanence au Canada pour combler les vacances. Toutefois, ils ont le droit d'accepter des postes d'adjoints à l'enseignement ou à la recherche dans les universités. Dans la plupart des cas, les étudiants détenteurs de visa n'ont pas droit à des permis de travail aux fins des programmes d'alternance (étude-travail). Toutefois, le gouvernement fédéral a fait quelques rares exceptions dans le cas de programmes où l'expérience du travail est absolument essentielle et, dans certains cas, les étudiants détenteurs de visa peuvent étudier au Canada et terminer leurs sessions de travail dans leurs propres pays.

Les étudiants détenteurs de visa ne peuvent guère compter sur une aide financière puisqu'ils ne sont pas admissibles aux programmes d'assistance gouvernementale. Cependant, ceux des 2^e^ et 3^e^ cycles ont plus de chance; ils peuvent demander une bourse du genre de celles qui sont offertes dans le cadre du Programme de bourses du Commonwealth (qui offre également quelques bourses d'étude au niveau des grades supérieurs pour des programmes non dispensés dans le pays d'origine d'un étudiant), une bourse de l'Agence canadienne de développement international, destinée aux citoyens des pays avec lesquels le Canada a conclu un accord bilatéral d'aide, et des bourses du Gouvernement du Canada destinées aux étudiants de pays avec lesquels le Canada a conclu des accords culturels et d'échanges de bourses (l'Autriche, la Belgique, le Brésil, la Colombie, le Danemark, l'Égypte, la Finlande, la République fédérale d'Allemagne, la France, la Grèce, la Hongrie, l'Italie, le Japon, le Mexique, le Portugal, l'Espagne, la Suède, la Suisse, la Yougoslavie et la République populaire de Chine). L'étudiant peut obtenir du gouvernement de son pays des renseignements sur les trois programmes de bourses.

Il existe un certain nombre de services ayant pour objet de faciliter aux détenteurs de visa la transition entre la vie dans leur pays d'origine et celle qui les attend à l'université canadienne. La plupart des établissements ont des conseillers aux étudiants étrangers. Le Bureau canadien de l'Éducation internationale (BCEI) maintient un service d'accueil des étudiants étrangers à certains des aéroports du Canada, de la mi-août à la mi-septembre. En 1985, le BCEI a accueilli plus de 6.000 étudiants détenteurs de visa, en provenance de plus d'une centaine de pays. Le Service québécois d'accueil aux étudiants étrangers, du gouvernement du Québec, offre un service du même genre aux aéroports de Montréal, à l'intention des étudiants qui se dirigent vers les universités du Québec.

Voici quelques publications qui intéressent les étudiants étrangers: Le *Guide des autorisations des étudiants étrangers pour le Canada*, du BCEI; *Si vous songez à entreprendre des etudes au Canada. . .* de la Commission de l'emploi et de l'immigration du Canada; *Notes à l'intention des étudiants étrangers* et *Repertoire canadien des bourses d'études supérieures*, de l'AUCC.

Les étudiants à temps partiel

Pour un grand nombre d'étudiants,—particulièrement ceux qui doivent tenter d'allier leurs études avec une carrière ou la charge d'une famille,—les études à temps partiel representent une option de plus en plus attrayante. De fait, il y a en ce moment 246.000 étudiants à temps partiel au niveau du baccalauréat dans les universités, soit presque 40 p. 100 de l'ensemble des étudiants au niveau du baccalauréat. Dans quelques universités, ils dépassent déjà les effectifs à temps complet.

L'expansion des études à temps partiel témoigne de l'engagement d'une foule de Canadiens à poursuivre leur formation toute leur vie. Une enquête récente révèle qu'environ un Canadien sur cinq âgé de 17 ans ou plus avait suivi un cours d'éducation des adultes dans l'année. Pour se tenir au courant des changements technologiques dans le milieu de travail, un certain nombre de Canadiens retournent en classe pour accroître leur compétence. Cependant, nombreux sont ceux qui s'inscrivent à des cours universitaires simplement pour mettre à jour leurs connaissances ou élargir leur horizons dans de nouveaux domaines d'étude.

En général, les étudiants à temps partiel suivent jusqu'à 60 p. 100 d'un programme complet; toutefois, au Québec, les étudiants peuvent entreprendre jusqu'à 80 p. 100 d'un programme ordinaire et être toujours considérés comme étudiants à temps partiel. Un bon nombre de ceux qui fréquentent l'université à temps partiel sont des adultes, c'est-à-dire classés, par la plupart des universités, comme étant des personnes âgées de plus de 21 ans ou ayant quitté l'école depuis au moins trois ans.

Étant donné la popularité croissante des études à temps partiel, les collèges et les universités ont effectué, au cours de la dernière décennie, un certain nombre de changements visant à mieux répondre aux besoins de ces étudiants non-traditionnels. Les étudiants adultes et les personnes qui n'ont pas de diplôme d'études secondaires peuvent souvent se faire admettre sans avoir à satisfaire aux conditions ordinaires d'admission au niveau du baccalauréat, bien qu'on puisse leur demander de suivre des cours supplémentaires ou de passer un examen spécial ou encore de se soumettre à une entrevue.

De plus en plus, les universités échelonnent les cours et s'assurent que les bibliothèques et les autres services restent ouverts en fin de semaine et le soir, et durant l'été.

Un bon nombre d'universités dispensent aussi, dans les localités avoisinantes, des cours destinés à des étudiants à temps partiel.

L'enseignement à distance

L'enseignement à distance a également mis la formation universitaire à la disposition des résidants des collectivités éloignées qui n'ont pas accès à des campus voisins ou à la disposition des personnes qui ne peuvent concilier les horaires réguliers des cours et leur vie de tous les jours. Les universités ont recours à des moyens tels que les cours par correspondance, les bandes audio, les émissions par câblodiffusion et les téléconférences pour atteindre cette clientèle.

En outre, les universités qui s'occupent exclusivement d'enseignement à distance, par exemple l'Athabasca University, en Alberta, ou la Télé-université au Québec, ont été établies pour repondre aux besoins des étudiants adultes ou à temps partiel.

Programmes spéciaux

Quelques universités ont aussi établi des programmes spéciaux destinés à faciliter le passage aux études supérieures à des groupes d'étudiants qui, de tout temps, ont éprouvé plus de difficulté à fréquenter l'université. En Nouvelle-Écosse, par exemple, la Dalhousie University offre un programme de transition d'un an pour aider les étudiants noirs ou autochtones de la province, désavantagés en matière d'éducation, à se préparer à l'inscription à des programmes d'études générales au niveau du baccalauréat.

En ces dernières années, les universités ont également pris des dispositions pour ouvrir leurs campus aux personnes âgées. La plupart des universités d'un bout à l'autre du pays exemptent des droits de scolarité les personnes de plus de 65 ans.

Le programme d'été "Elderhostel" attire également à l'université un nombre grandissant de Canadiens de l'âge d'or. Elderhostel est un réseau de collèges et d'universités d'Amérique du Nord, de Grande-Bretagne et de Scandinavie qui offre à peu de frais de courts programmes d'études, en résidence, aux personnes de plus de 60 ans. (Les gens de moins de 60 ans ne sont admis que s'ils accompagnent une personne de plus de 60 ans.) Les cours de l'Elderhostel, qui durent généralement une semaine, sont dispensés par des professeurs réguliers. Les sujets peuvent aller de la culture canadienne-française aux joies de la musique. Plus d'une vingtaine d'universités, d'un bout à l'autre du Canada, offrent en ce moment le programme Elderhostel.

Frais et aide financière

Vu le financement des universités par les gouvernements et les programmes d'aide financière aux étudiants, la plupart des Canadiens ont les moyens de fréquenter une université canadienne. Les droits de scolarité varient selon l'université et le programme choisi. En 1985-1986, par exemple, les droits de scolarité pour les étudiants canadiens au niveau du 1^er^ cycle allaient d'un minimum d'environ $400 au Québec (où les droits de scolarité sont beaucoup moins élevés que dans le reste du Canada) à un maximum d'environ $2,200 à $3,200 pour certains programmes aux niveaux des grades supérieurs et de la formation en vue des professions. Les étudiants versent ordinairement des droits encore plus élevés à la Trinity Western University et au Redeemer Reformed Christian College qui sont des établissements appuyés par le secteur privé. Les étudiants détenteurs de visa versent également des droits plus élevés (voir page xxxiv). En plus des droits de scolarité, les étudiants sont censés assumer divers autres frais, par exemple à l'égard des services de santé, pour les sports ou les associations d'étudiants. Toujours au chapitre des dépenses, il y a lieu de mentionner le prix des livres, du matériel et des instruments.

Le logement et les repas peuvent aussi coûter cher. En 1985-1986, la pension dans une résidence universitaire variait entre un minimum d'environ $2,100 et un maximum d'un peu plus de $3,000 pour l'année universitaire.

Les étudiants peuvent utiliser des fonds provenant de leurs parents ou d'autres membres de leur famille ou obtenus à l'occasion d'un travail d'été ou d'un emploi à temps partiel, ou encore leurs propres économies pour acquitter ces frais. Pourtant, il arrive parfois que ces ressources ne suffisent pas.

Ainsi, chaque année, des dizaines de milliers d'étudiants canadiens se voient accorder, par divers organismes, une aide financière qui leur permet de payer ce qu'il en coûte pour fréquenter l'université.

Les universités elles-mêmes assurent de l'aide. Les étudiants des trois cycles peuvent bénéficier de bourses d'études, de bourses d'entretien ou de prêts, accordés selon les besoins, l'excellence dans les études, le mérite dans les sports ou, parfois, la participation aux activités parascolaires. Les bourses peuvent être financées, par exemple, par les établissements eux-mêmes ou par des entreprises commerciales, des associations d'anciens et des groupes communautaires. On peut obtenir de plus amples renseignements au sujet de ces bourses en s'adressant à chacune des universités.

Les gouvernements fédéral et provinciaux constituent la source principale d'aide financière aux étudiants canadiens aux fins de la formation postsecondaire. Entre 40 et 45 p. 100 de tous les étudiants au niveau postsecondaire comptent sur l'assistance financière des gouvernements fédéral ou provinciaux pour pouvoir poursuivre leurs études. L'aide varie selon la province d'origine de l'étudiant. Seuls les citoyens canadiens et les personnes domiciliées en permanence au Canada peuvent postuler les bourses énumérées ci-après. (Voir page xxxiv, les bourses offertes aux étudiants détenteurs de visa.)

Le Canada

Le gouvernement fédéral offre Le Programme canadien de prêts aux étudiants, à l'intention des étudiants à temps complet et à temps partiel au niveau des trois cycles. En 1985-1986, les étudiants à temps complet qui étaient admissibles au programme pouvaient bénéficier d'un prêt allant jusqu'à $105 par semaine d'étude; les étudiants à temps partiel pouvaient emprunter jusqu'à $2,500 à la fois, par exemple pour acheter des livres, du matériel scolaire ou acquitter leurs frais de déplacement.

Les étudiants à temps complet commencent ordinairement à rembourser leurs prêts six mois après avoir quitté l'établissement; les étudiants à temps partiel doivent commencer à rembourser leurs prêts un mois après l'émission. Le gouvernement fédéral vient d'adopter un programme d'exonération d'intérêt qui suspend les paiements d'intérêt dans le cas des débiteurs temporairement invalides ou incapables de se trouver un emploi.

Les gouvernements de neuf provinces et des deux territoires administrent le Programme canadien de prêts aux étudiants. Le gouvernement du Québec s'est retiré du régime fédéral en 1954 et il reçoit plutôt, tous les ans, un montant global du gouvernement fédéral. Le Québec a son propre programme d'aide aux étudiants.

Dans certains cas les provinces ont limité l'aide accordée aux étudiants qui fréquentent une université en dehors de la province.

Chaque province a établi ses propres normes et verse des montants différents à titre de bourses ou de prêts. Chacune d'elles édicte également ses propres règlements concernant le montant qu'un étudiant doit emprunter en vertu du Programme canadien de prêts aux étudiants avant de pouvoir bénéficier de fonds de la province.

On peut obtenir de plus amples renseignements sur le Programme canadien de prêts aux étudiants en s'adressant à la Direction de l'aide aux étudiants, Secrétariat d'État, C.P. 2090, Succursale postale "D", Ottawa (Ontario) K1P 6C6.

Terre-Neuve

Terre-Neuve assure à la fois des prêts aux étudiants en vertu du Programme canadien et son propre programme de subventions et elle rembourse une partie de la dette des étudiants qui sont dans le besoin après avoir quitté la maison d'enseignement. De plus amples renseignements sont disponibles au département de la Préparation aux carrières et de la Formation avancée, Centre étudiant Thomson, Memorial University, St. John's (T.-N.) A1C 5S7.

L'Île-du-Prince-Édouard

Les étudiants de l'Î.-P.-É. sont admissibles aux prêts dans le cadre du Programme canadien de prêts aux étudiants, ainsi qu'aux subventions provinciales; ils peuvent utiliser ces fonds pour l'étude dans un établissement postsecondaire reconnu, n'importe où dans le monde. On peut obtenir de plus amples renseignements auprès du ministère de l'Éducation, Division de l'aide aux étudiants, C.P. 2000, Charlottetown (Île-du-Prince-Édouard) C1A 7N8.

La Nouvelle-Écosse

Le programme d'aide de la Nouvelle-Écosse comprend une bourse provinciale de même que des fonds dans le cadre du Programme canadien de prêts aux étudiants. Des renseignements sont disponibles auprès du ministère de l'Éducation, Bureau de l'aide aux étudiants, C.P. 578, Halifax (Nouvelle-Écosse) B3J 2S9.

Le Nouveau-Brunswick

Les étudiants peuvent recevoir de l'aide dans le cadre du Programme canadien de prêts aux étudiants ainsi qu'une bourse du Nouveau-Brunswick, selon leurs besoins. La province rembourse une partie de la dette en souffrance dans le cadre du Programme canadien de prêts aux étudiants, après l'obtention du grade, dans le cas des personnes dans le besoin. Des renseignements sont disponibles auprès du ministère de la Jeunesse et des Loisirs, Division de l'aide aux étudiants, C.P. 6000, Fredericton (Nouveau-Brunswick) E3B 5H1.

Le Québec

Le Québec ne participe pas au Programme canadien de prêts aux étudiants. Les résidants du Québec sont admissibles aux prêts et aux bourses, le montant accordé variant selon les besoins. Le Québec offre des bourses spéciales aux étudiants handicapés et à ceux qui entreprennent des cours de formation technique ou professionnelle. Des renseignements sont disponibles auprès de l'Aide financière aux étudiants, ministère de l'Éducation, de l'Enseignement supérieur et de la Science, Gouvernement de la province de Québec (Québec) G1R 5A5.

L'Ontario

L'Ontario offre des subventions d'études et des prêts dans le cadre du Programme canadien de prêts aux étudiants, jusqu'à concurrence de huit sessions ou semestres, ainsi que des bourses spéciales aux étudiants à temps partiel dans le besoin et un programme d'alternance étude-travail. Des renseignements sont disponibles auprès du ministère des Collèges et Universités, Direction des bourses aux étudiants, Mowat Block, Queen's Park, Toronto (Ontario) M7A 2B4.

Le Manitoba
Les étudiants du Manitoba peuvent bénéficier de prêts dans le cadre du Programme de prêts aux étudiants suivis de bourses ou de subventions provinciales. Le Manitoba offre des bourses dans des situations particulières, par exemple dans les cas de parents uniques. La province rembourse également une partie de la dette dans le cadre du Programme canadien de prêts aux étudiants, en se fondant sur une évaluation des besoins et des moyens de l'étudiant, une fois qu'il a quitté la maison d'enseignement. Des renseignements sont disponibles auprès du ministère de l'Éducation, Direction de l'aide aux étudiants, C.P. 6 - 693, avenue Taylor, Winnipeg (Manitoba) R3M 3T9.

La Saskatchewan
La Saskatchewan offre à ses étudiants des fonds dans le cadre du Programme canadien de prêts aux étudiants et des bourses provinciales. En mai 1986, la province a adopté un programme de prêts supplémentaires de même qu'un programme de bourses spéciales non remboursables à l'intention des parents uniques. Des renseignements sont disponibles à la Division des services financiers aux étudiants, ministère de l'Enseignement supérieur et de la main-d'oeuvre, 1855, avenue Victoria, Regina (Saskatchewan) S4P 3V5.

L'Alberta
Selon leurs besoins, les étudiants de l'Alberta peuvent obtenir jusqu'à $2,000 en fonds de la province, de même qu'une aide dans le cadre du Programme canadien de prêts aux étudiants et des prêts provinciaux et, si cela ne suffit pas, une subvention provinciale d'assistance supplémentaire. Il existe des bourses spéciales pour l'excellence scolaire, le succès dans les sports, les résidants du nord albertain, les personnes enseignant aux handicapés et les étudiants à temps partiel, de même qu'un programme de remise de la dette pour certains étudiants. Des renseignements sont disponibles auprès du ministère de l'Enseignement supérieur, Commission du financement des étudiants, 10ᵉ étage, Centre Baker, 10025-106ᵉ rue, Edmonton (Alberta) I5J 1G4.

La Colombie-Britannique
Les étudiants de la Colombie-Britannique peuvent obtenir des prêts dans le cadre du Programme canadien de prêts aux étudiants, ainsi que des prêts de la province. Le gouvernement de la province n'accorde ni bourses de soutien ni subventions. Elle offre un programme de remise de la dette pour les finissants qui ont bénéficié de prêts de la C.-B. de même que de bourses d'études accordées aux étudiants du niveau postsecondaire qui se situent dans le groupe des 30 p. 100 jugés supérieurs. Des renseignements sont disponibles auprès du ministère de l'Éducation, Direction des services aux étudiants, 3ᵉ étage, Édifice Douglas, 617, rue du Gouvernement, (Colombie-Britannique) V8V 4W6.

Le Territoire du Yukon
Le Yukon accorde une subvention et des fonds dans le cadre du Programme canadien de prêts aux étudiants à ses résidants. Des renseignements sont disponibles auprès du ministère de l'Éducation, Comité de l'aide financière aux étudiants, Gouvernement du Yukon, C.P. 2703 Whitehorse (Territoire du Yukon) Y1A 2C6.

Les Territoires du Nord-Ouest
Les étudiants des Territoires du Nord-Ouest peuvent obtenir des subventions, des prêts provinciaux et des prêts dans le cadre du Programme canadien de prêts aux étudiants. Une assistance financière spéciale est également assurée, sous forme de bourses d'encouragement, à l'intention des résidants de vieille date qui reviennent travailler dans les Territoires du Nord-Ouest. Des renseignements sont disponibles auprès des Services aux étudiants, ministère de l'Éducation, Gouvernement des Territoires du Nord-Ouest, Yellowknife (Territoires du Nord-Ouest) X1A 2L9.

En plus du programme de prêts, le gouvernement fédéral offre un certain nombre d'autres bourses aux étudiants des universités et collèges, notamment des bourses d'études ordinairement réservées aux étudiants des cycles supérieurs et accordées par divers ministères et organismes gouvernementaux, un régime de bourses d'études postsecondaires à l'intention des Indiens et des Inuit ainsi qu'une série de bourses destinées à encourager l'apprentissage de la langue seconde. Ces programmes sont annoncés dans le *Guide des bourses fédérales d'aide financière pour les études postsecondaires au Canada 1986-1987*, publié par le Secrétariat d'État.

Les services aux étudiants

Pour la plupart des étudiants, la vie dans les universités canadiennes représente plus que la simple présence en classe. Les universités offrent un choix divers de programmes, de services et d'installations qui enrichissent le séjour à l'université.

Presque toutes les universités fournissent un genre quelconque de logement aux étudiants, dans des résidences, des maisons en rangée ou des appartements pour célibataires ou couples mariés; de plus, il existe des logements coopératifs administrés par des étudiants. Dans la plupart des cas, les établissements aident en outre les étudiants à se trouver un logement hors du campus.

Dans un bon nombre de petites universités, la majorité des étudiants vivent dans des résidences administrées par les universités. Souvent, ces dernières encouragent les étudiants de 1ère année à vivre en résidence et un bon nombre d'universités leur réservent un fort pourcentage de leurs chambres en résidence. En plus d'assurer la chambre et les repas, les logements universitaires offrent souvent des programmes éducatifs qui servent de complément aux études universitaires.

Les campus universitaires mettent ordinairement un certain nombre de cafeteria, casse-croûte, salles à manger et bistros à la disposition des étudiants en résidence et des externes. De même, la plupart des collèges et universités possèdent des librairies et des magasins généraux qui vendent, par exemple, du papier, des revues et des friandises.

Les campus offrent un certain nombre de services qui aident les étudiants à s'adapter à la vie universitaire, par exemple des services de conseillers sur des problèmes d'étude, des difficultés personnelles ou professionnelles. Il se trouve couramment des services de santé généralement assurés par des médecins, des infirmières, des psychiatres et parfois dans une infirmerie administrée par l'université. Un bon nombre d'universités, même non confessionnelles, ont un aumônier et souvent une chapelle sur le campus.

En ces dernières années, quelques universités ont nommé un protecteur du citoyen qui sert d'arbitre en cas de différends et entend les plaintes des étudiants. Dans certaines universités, les étudiants ont leur propre protecteur du citoyen.

Pour les étudiants détenteurs de visa, les universités ont généralement un conseiller qui les aide à s'adapter à la vie canadienne. Aux étudiants qui ont des enfants, quelques universités fournissent des garderies en partie subventionnées.

La plupart des universités canadiennes ont accompli des progrès remarquables en ces dernières années, en rendant leurs bâtiments et leurs programmes plus accessibles aux étudiants handicapés. Des rénovations telles que l'installation de rampes et l'abaissement de rebords de trottoirs pour permettre aux personnes en fauteuil roulant de se déplacer plus facilement sur les campus; de nouveaux ascenseurs, souvent dotés de boutons indicateurs en Braille, sont devenus chose commune dans le cas d'un bon nombre d'universités. D'autres services offerts par certaines universités comprennent des machines spéciales installées dans les bibliothèques, qui transposent l'écriture en langage synthétique, des bandes audio de livres et de revues et des oreilles phoniques extrêmement sensibles qui aident les étudiants affligés de problèmes auditifs à écouter les cours.

Pour une foule d'étudiants, la vie hors de la salle de classe tourne souvent autour des sports, des cercles ou des associations universitaires. Un bon nombre d'universités possèdent des centres de sports dotés d'installations telles que piscines, salles d'haltérophilie ou courts de squash. Les étudiants peuvent participer à des sports récréatifs ou de compétition et de nombreuses universités sont fières de leurs équipes internes ou interuniversitaires dans des sports tels que le football, le hockey ou le basketball. (Le coût de la participation aux sports prend ordinairement la forme d'un supplément aux droits de scolarité.) La participation aux sports n'est obligatoire qu'aux trois collèges militaires du Canada.

Des syndicats et des associations représentent les étudiants dans toutes les universités canadiennes. En plus de centraliser l'exercice de pressions et les activités politiques visant à améliorer la situation des étudiants, les syndicats étudiants organisent souvent des activités sociales et culturelles.

Les cercles et associations de campus varient, depuis les groupes d'étudiants internationaux jusqu'aux sociétés politiques ou religieuses et aux cercles de skieurs et de photographes. La plupart des universités ont des journaux administrés par les étudiants et quelques-unes ont des stations de radio étudiante.

Les étudiants ou les diplômés de collège et d'université peuvent aussi prendre part à un certain nombre de programmes d'échanges internationaux parrainés par Emploi et Immigration Canada et leur permettant d'acquérir de l'expérience du travail en séjournant jusqu'à un an dans un pays étranger, dans un emploi parfois relié à leurs objectifs professionnels. Entre autres programmes de travail à l'étranger, il y a celui de CUSO, organisation autonome sans but lucratif, qui recrute des Canadiens aux fins de contrats dans des pays du Tiers-Monde, et celui du Bureau canadien de l'éducation internationale, qui fournit à des jeunes l'occasion d'aller faire du bénévolat dans des camps de travail de plus de 17 pays. Des renseignements sur ces programmes et d'autres du même genre paraissent dans la publication du gouvernement fédéral intitulée *Programmes d'échanges internationaux, 1985*.

Les étudiants qui se cherchent du travail peuvent souvent se faire aider à un Centre d'emploi du Canada. Ces centres, dirigés par Emploi et Immigration Canada, se comptent par plus d'une centaine et sont situés à l'intérieur ou à proximité des campus de collèges ou d'universités d'un bout à l'autre du pays. Il s'occupent d'orientation professionnelle et possèdent une collection de renseignements sur diverses occupations et divers employeurs. En 1984-1985, ils ont placé près de 55,000 étudiants en emploi à plein temps axé sur des carrières et 6,200 autres dans des emplois occasionnels ou à temps partiel. Durant les mois d'été, il se trouve plus de 400 centres d'emploi du Canada pour les étudiants et ces centres sont ordinairement situés à l'extérieur des campus. Leur personnel se compose en grande partie d'étudiants du niveau postsecondaire et de nouveaux diplômés. Ces centres ont trouvé des emplois d'été à quelque 350,000 étudiants des écoles secondaires et du niveau postsecondaire, en 1985.

Les organisations étudiantes

Une organisation étudiante d'envergure nationale, la Fédération canadienne des étudiants (FCE), a été formée en 1981 mais les étudiants possédaient un porte-parole national depuis 1926, grâce aux prédécesseurs de la Fédération. La FCE, qui représente presque un demi-million d'étudiants du niveau postsecondaire sur un certain nombre de campus de collège et d'université dans neuf provinces, vise à accroître l'accessibilité et la qualité de l'enseignement postsecondaire au Canada ainsi que la qualité de la vie étudiante. De plus, elle fournit aux étudiants et aux associations d'étudiants sur le campus un certain nombre de services, notamment une agence de voyages, un système national de rabais sur les achats au détail, un programme de travail à l'étranger et une banque de données sur des questions étudiantes. Les étudiants québécois sont représentés par l'Association nationale des étudiants du Québec (ANEQ) ou par le Regroupement des associations étudiantes universitaires (RAEU).

Les étudiants à temps partiel possèdent aussi leur Organisation canadienne des étudiants universitaires à temps partiel (COPUS), qui effectue des travaux de recherche et exerce des pressions en faveur des étudiants universitaires à temps partiel. L'organisation vise notamment à améliorer les programmes d'aide aux étudiants, à accroître les services universitaires dispensés le soir et au cours des fins de semaine et à multiplier les programmes professionnels appliqués à temps partiel.

Autres organisations

Des organisations nationales et provinciales font valoir les intérêts de l'enseignement supérieur au Canada.

Le Conseil des ministres de l'Éducation, Canada, sert de mécanisme de consultation et d'interaction pour les questions d'éducation qui intéressent les divers gouvernements provinciaux et territoriaux.

L'Association des Universités et Collèges du Canada (AUCC), qui compte 82 établissements autorisés à conférer des grades par tout le pays, a été constituée en corporation en 1965 pour favoriser et faire progresser les intérêts de l'enseignement supérieur au Canada. L'établissement de l'Association qui célèbre son 75ᵉ anniversaire en 1986, remonte à 1911 alors qu'un groupe de dirigeants d'université se réunissait pour former la Conférence des universités canadiennes. Aujourd'hui, l'AUCC représente les universités, fait connaître leurs préoccupations aux gouvernements, aux media et au grand public. De plus, elle favorise l'étude et la discussion et elle fournit des renseignements sur l'enseignement supérieur au Canada.

Les organisations qui représentent des secteurs de l'enseignement ou de l'administration ou encore des intérêts particuliers au sein de la communauté universitaire se voient accorder le statut de membres associés de l'AUCC. L'Association compte 32 membres associés dont les intérêts sont divers, depuis l'Association des facultés de médecine du Canada jusqu'à l'Union sportive interuniversitaire du Canada.

Il existe également, au pays, des associations régionales et provinciales qui réunissent les recteurs d'université et qui veillent sur les intérêts des universités, à savoir le Conseil des recteurs d'université de l'Ouest canadien, le Conseil des universités de l'Ontario, la Conférence des recteurs et des principaux des universités du Québec et l'Association des universités de l'Atlantique.

La Société canadienne pour l'étude de l'enseignement supérieur (SCEES) est une autre organisation qui s'emploie à encourager la recherche dans le domaine de l'enseignement postsecondaire. Société savante fondée en 1970, la SCEES compte, parmi ses travaux, la tenue d'une conférence annuelle et la publication de la Revue canadienne d'enseignement supérieur qui encourage l'expansion et l'échange des résultats de la recherche et des connaissances concernant les universités et collèges du Canada.

Conclusion

Les universités et les collèges du Canada auront de nombreux défis à relever au cours des quelques prochaines années.

Durant la dernière décennie, les gouvernements fédéral et provinciaux ont réduit les fonds qu'ils destinent aux universités. Il est peu probable que l'assistance financière augmente sensiblement dans un avenir prochain, —si tant est qu'elle augmente,—et l'inflation grève les budgets des universités. Les universités doivent donc chercher des moyens de faire davantage et mieux avec des ressources limitées.

En même temps, la demande s'accroît au niveau de l'enseignement supérieur, alors que les inscriptions augmentent sensiblement depuis le début des années 1980. Fait nouveau, un plus grand nombre d'étudiants âgés choisissent maintenant de fréquenter l'université, tant pour y suivre des programmes généraux qu'à des fins de recyclage en vue d'une nouvelle carrière. La pression qui s'exerce en faveur de classes plus nombreuses, alliée aux restrictions financières, laisse un bon nombre d'universités en présence de choix souvent amers, par exemple d'avoir à augmenter les exigences aux fins de l'admission, à prévoir des contingentements rigoureux pour les programmes ou à hausser les droits de scolarité. Au cours des quelques prochaines années les dirigeants des universités devront en arriver à un accord au sujet de la nécessité de garantir l'accessibilité aux étudiants qualifiés tout en maintenant en même temps la qualité et l'excellence au sein des établissements. En périodes de difficultés financières, ce peut être un exercice d'équilibre délicat.

En présence de contraintes financières et souvent encouragées par les politiques gouvernementales, les universités canadiennes insistent de plus en plus sur la coopération avec le secteur privé. Les universités d'aujourd'hui savent combien il est avantageux de travailler en collaboration plus étroite avec l'industrie et le monde des affaires. Les universités s'adressent aux sociétés commerciales et au grand public pour obtenir une partie des fonds dont elles ont tellement besoin pour mener des recherches novatrices, pour moderniser des laboratoires et un équipement désuets et pour accorder des bourses d'étude à des étudiants qui, autrement, seraient peut-être dans l'impossibilité de fréquenter l'université. Cependant, la coopération entre l'université et l'industrie n'est pas une avenue à sens unique. Les universités expliquent à l'industrie la valeur de la recherche qui est à l'avant-garde du savoir et lui font voir les nombreuses possibilités de transfert au secteur privé des techniques mises au point par les universités. En conséquence, il existe présentement une tendance croissante à la coopération entre l'université et l'industrie, tant pour la recherche que pour l'enseignement en classe, et une tendance à l'encouragement à la participation des dirigeants de l'industrie et du monde des affaires, par l'intermédiaire d'organisations telles que le Forum entreprises-universités, groupe qui réunit les dirigeants des entreprises et des universités pour promouvoir les relations entre les deux communautés et étudier des questions d'importance capitale pour les unes et les autres.

Il se peut, cependant, que la tâche la plus importante que les universités canadiennes auront à accomplir au cours de la prochaine décennie consiste à préparer leurs diplômés à l'entrée dans un monde en perpétuelle évolution technologique. Voilà l'obstacle que les universités auront à franchir si elles veulent former des Canadiens capables de répondre aux besoins de demain.

Organismes mentionnés

(avec adresses)

Affaires indiennes et du Nord Canada, Terrasses de la Chaudière, 10, rue Wellington, Tour Nord, Hull (Québec), K1A 0H4

Agence canadienne de développement international, Place du Centre, 200, Promenade du Portage, Hull (Québec), K1A 0G4

Alberta - Alberta Research Council, 7e étage, 4445 sud, Promenade Calgary, Edmonton (Alb.), T6H 5R7

Alberta - Department of Advanced Education, Students Finance Board, 10e étage, Centre Baker, 10025-106e rue, Edmonton (Alb.), T5J 1G4

Association canadienne des professeurs d'université, 73, rue Albert, Bureau 1001, Ottawa (Ont.), K1P 5E7

Association des collèges communautaires du Canada, 110 ouest, av. Eglinton, 2e étage, Toronto (Ont.), M4R 1A3

Association des facultés de médecine du Canada, 151, rue Slater, Bureau 1006, Ottawa (Ont.), K1P 5N1

Association des universités de l'Atlantique, 1668, rue Barrington, Bureau 300, Halifax (N.-É.), B3J 2A2

Association des Universités et Collèges du Canada (AUCC), 151, rue Slater, Ottawa (Ont.), K1P 5N1

La Banque mondiale, 1818 N.O., rue H, Washington D.C. 20433

Bureau canadien de l'éducation internationale (BCEI), 85, rue Albert, Bureau 1400, Ottawa (Ont.), K1P 6A4

CUSO, 135, rue Rideau, Ottawa (Ont.), K1N 9K7

Colombie-Britannique - British Columbia Research Council, 3650 Mail Wesbrook, Vancouver (C.-B.), V6S 2L2

Colombie-Britannique - Conseil des universités de la Colombie-Britannique, Bureau 500 - 805 West Broadway, Vancouver (C.-B.), V5Z 1K1

Colombie-Britannique - Ministère de l'Education postsecondaire, Direction des services aux étudiants, 818, rue Broughton, Victoria (C.-B.), V8V 1X4

Commission de l'enseignement supérieur des provinces Maritimes (CESPM), 450, King's Place, C.P. 6000, Fredericton (N.-B.), E3B 5H1

Conseil de recherches en sciences humaines, 255, rue Albert, C.P. 1610, Ottawa (Ont.), K1P 6G4

Conseil de recherches en sciences naturelles et en génie, 200, rue Kent, 5e étage, Ottawa (Ont.), K1A 1H5

Conseil de recherches médicales, Immeuble Jeanne Mance, Tunney's Pasture, 20e étage, Ottawa (Ont.), K1A 0W9

Conseil des ministres de l'Éducation, Canada, 252 ouest, rue Bloor, Bureau 5-200, Toronto (Ontario) M5S 1V5

Conseil des premiers ministres des Maritimes, C.P. 2044, 5161, rue George, Bureau 1006, Halifax (N.-É.), B3J 2Z1

Conseil des recteurs d'université de l'Ouest canadien (CRUOC), The University of Manitoba, Cabinet du recteur, Winnipeg (Man.), R3T 2N2

Direction de l'aide aux étudiants, Secrétariat d'État, C.P. 2090, Succursale postale "D", Ottawa (Ont.), K1P 6C6

Elderhostel Canada, C.P. 4400, Fredericton (N.-B.) E3B 5A3

Emploi et Immigration Canada, Place du Portage, Phase IV, 140, Promenade du Portage, Ottawa (Ont.), K1A 0J9

Fédération canadienne des étudiants (FCE), 126, rue York, Bureau 300, Ottawa (Ont.), K1N 5T5

Fédération canadienne des sciences sociales, 151, rue Slater, Bureau 415, Ottawa (Ont.), K1P 5H3

Forum entreprises-universités, 1155 ouest, boulevard Dorchester, Bureau 2501, Montréal (Québec) H3B 2K4

Île-du-Prince-Édouard - Ministère de l'Éducation, Division de l'aide aux étudiants, C.P. 2000, Charlottetown (I.-P.-É), C1A 7N8

Manitoba - Commission des subventions aux universités du Manitoba, Bureau 226, 530, rue Century, Winnipeg (Man.), R3H 0Y4

Manitoba - Conseil de recherches du Manitoba, 2e étage, 155, rue Carlton, Winnipeg (Man.), R3C 3H8

Manitoba - Ministère de l'Éducation, Direction de l'aide aux étudiants, C.P. 6, 693, av. Taylor, Winnipeg (Man.), R3M 3T9

Ministère des Finances Canada, Place Bell Canada, 160, rue Elgin, Ottawa (Ont.), K1A 0G5

Nouveau-Brunswick - Conseil des recherches et de la productivité du Nouveau-Brunswick, C.P. 6000, College Hill Road, Fredericton (N.-B.), E3B 5H1

Nouveau-Brunswick - Ministère de l'aide au revenu, Division de l'aide aux étudiants, C.P. 6000, Fredericton (N.-B.), E3B 5H1

Nouvelle-Écosse - Ministère de l'Éducation, Bureau de l'aide aux étudiants, C.P. 578, Halifax (N.-É.), B3J 2S9

Nouvelle-Écosse - Nova Scotia Research Foundation Corporation, C.P. 790, Dartmouth (N.-É.), B2Y 3Z7

Ontario - Centre de réception des demandes d'admission aux universités de l'Ontario, C.P. 1328, Guelph (Ont.) N1H 7P4

Ontario - Conseil des universités de l'Ontario, 130, rue St. George, Bureau 8039, Toronto (Ont.), M5S 2T4

Ontario - Conseil ontarien des affaires universitaires (COAU), 700, rue Bay, 7e étage, Toronto (Ont.), M5G 1Z6

Ontario - Ministère des Collèges et Universités, Direction des bourses aux étudiants, Immeuble Mowat, Queen's Park, Toronto (Ont.), M7A 2B4

Ontario - Ontario Research Foundation, Parc Sheridan, 2395, Promenade Speakman, Mississauga (Ont.), L5K 1B3

Organisation canadienne des étudiants universitaires à temps partiel, 45, chemin Valleywoods, Unité 34, Don Mills (Ont.) M3A 2R5

Programme canadien de prêts aux étudiants, Direction de l'aide aux étudiants, Secrétariat d'État, C.P. 2090, Succursale postale "D", Ottawa (Ont.), K1P 6C6

Québec - Assistance financière aux étudiants, ministère de l'Enseignement supérieur et de la Science, Gouvernement de la province de Québec, Québec (Québec), G1R 5A5

Québec - Association nationale des étudiants du Québec

(ANEQ), 1581, rue Dufresne, Montréal (Québec), H2K 3J6

Québec - Centre de recherche industrielle du Québec, 333, rue Franquet, C.P. 9038, Sainte-Foy (Québec), G1V 4C7

Québec - Conférence des recteurs et des principaux des universités du Québec, C.P. 952, Place du Parc, Bureau 1200, 300, rue Léo Pariseau, Montréal (Québec), H2W 2N1

Québec - Conseil des universités du Québec, Gouvernement du Québec, 84 ouest, rue Notre-Dame, Montréal (Québec) H2Y 1S6

Québec - Fédération des associations de professeurs des universités du Québec, 2715, Côte-Sainte-Catherine, Montréal (Québec), H3T 1B6

Québec - Regroupement des associations d'étudiants universitaires (RAEU), Centre communautaire, 2332, boulevard Édouard-Montpetit, Montréal (Québec), H3T 1J4

Saskatchewan - Direction des services financiers aux étudiants, ministère de l'Enseignement supérieur et de la Main-d'oeuvre, 1855, av. Victoria, Regina (Sask.), S4P 3V5

Saskatchewan - Federation of Saskatchewan Indian Nations, 107, chemin Hodsman, Regina (Sask.) S4P 3R9

Saskatchewan - Saskatchewan Research Council, 15, boulevard Innovation, Saskatoon (Sask.), S7N 2X8

Sciences et Technologie Canada, 240, rue Sparks, Immeuble C.D. Howe, 8e étage, Ottawa (Ont.) K1A 1A1

Secrétariat d'État, Immeuble Jules Léger, Terrasses de la Chaudière, 15, rue Eddy, Hull (Québec), K1A 0M5

Secrétariat pour le développement international (SDI), AUCC, 151, rue Slater, Ottawa (Ont.), K1P 5N1

Service québécois d'accueil aux étudiants étrangers, ministère de l'Enseignement supérieur et de la Science, Édifice "G", 1035, rue de la Chevrotière, 22e étage, Québec (Québec), G1R 5K9

Société canadienne pour l'étude de l'enseignement supérieur, Secrétariat de la SCEES, 151, rue Slater, Ottawa (Ont.), K1P 5N1

Statistique Canada, Immeuble R.H. Coats, av. Holland et rue Scott, Tunney's Pasture, Ottawa (Ont.), K1A 0T8

Terre-Neuve - Ministère du développement professionnel et des études supérieures, Thomson Student Centre, Memorial University, St. John's (T.-N.), A1C 5S7

Territoire du Yukon - Ministère de l'Éducation, Comité de l'assistance financière aux étudiants, Gouvernement du Yukon, C.P. 2703, Whitehorse, Territoire du Yukon, Y1A 2C6

Territoires du Nord-Ouest - Services aux étudiants, ministère de l'Éducation, Gouvernement des Territoires du Nord-Ouest, Yellowknife, Territoires du Nord-Ouest, X1A 2L9

Union sportive interuniversitaire canadienne (USIC), 333 River Road, 11e étage, Vanier (Ont.), K1L 8H9

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Il s'agit ici des documents dont il est fait mention dans **Coup d'oeil sur les universités canadiennes,** auxquels ont été ajoutés d'autres travaux portant sur les mêmes sujets. Là où les textes sont disponibles en français et en anglais, les deux versions figurent séparément; si les deux versions paraissent dans la même publication, celle-ci porte l'indication "Bilingue."

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Organisation des Nations Unies pour l'éducation, la science et la culture. *Études à l'étranger.* Paris, Fr., Unesco. Biennal, trilingue. (Disponible au Canada chez Renouf Publishing Co. Ltée.)

Prince Edward Island. Dept. of Education. *Canada student loan and Prince Edward Island bursary programs: information brochure.* Charlottetown, P.E.I. Annual.

Québec. Ministère de l'Éducation. *Le programme de formation de chercheurs et d'action concertée;* volets, équipes et séminaires et subventions générales. Québec, FCAC. Annuel.

Saskatchewan. Dept. of Advanced Education and Manpower. *Financing your education.* Regina. Annual.

Summary of provincial aid systems, 1985/86. Ottawa, Secretary of State, Canada Student Loans Directorate, 1986.

Summer language bursary program. Toronto, Council of Ministers of Education Canada; Ottawa, Secretary of State. Annual, bilingual.

United Nations Educational, Scientific and Cultural Organization. *Study abroad.* Paris, Fr., Unesco. Biennial, trilingual. (Available in Canada from Renouf Publishing Co. Ltd.)

Visiting fellowships in Canadian government laboratories/ Bourses de recherche scientifique dans les laboratoires du Gouvernement canadien, 1986/87. Ottawa, Gov't of Canada, 1986. Annual.

World University Service of Canada. *Government of Canada awards to foreign nationals.* Ottawa, WUSC. Annual, bilingual.

Student Services/Services aux étudiants

Canada. Emploi et Immigration Canada. *Centres d'emploi du Canada sur le campus: points de service: annuaire, 1983/84.* Ottawa, 1983.

Canada. Emploi et Immigration Canada. Division de la documentation d'orientation professionelle. *Carrières Canada.* Ottawa. Approvisionnements et Services Canada, 1975- .

Canada. Emploi et Immigration Canada. Division de la documentation d'orientation professionnelle. *Carrières provinces.* Diffusion limitée; on peut consulter ces brochures aux centres d'emploi du Canada, aux bibliothèques et aux centres universitaires d'orientation. Environ 600 brochures pour chaque province.

Canada. Emploi et Immigration Canada. Division des systèmes de planification de carrières. *Annuaire des employeurs des diplômés des collèges et universités du Canada, 1983.* Ottawa, ministre des Approvisionnements et Services, 1982. Bilingue.

Canada. Employment and Immigration Commission. Career Guidance Material Division. *Careers Canada.* Ottawa, Supply and Services Canada, 1975- .

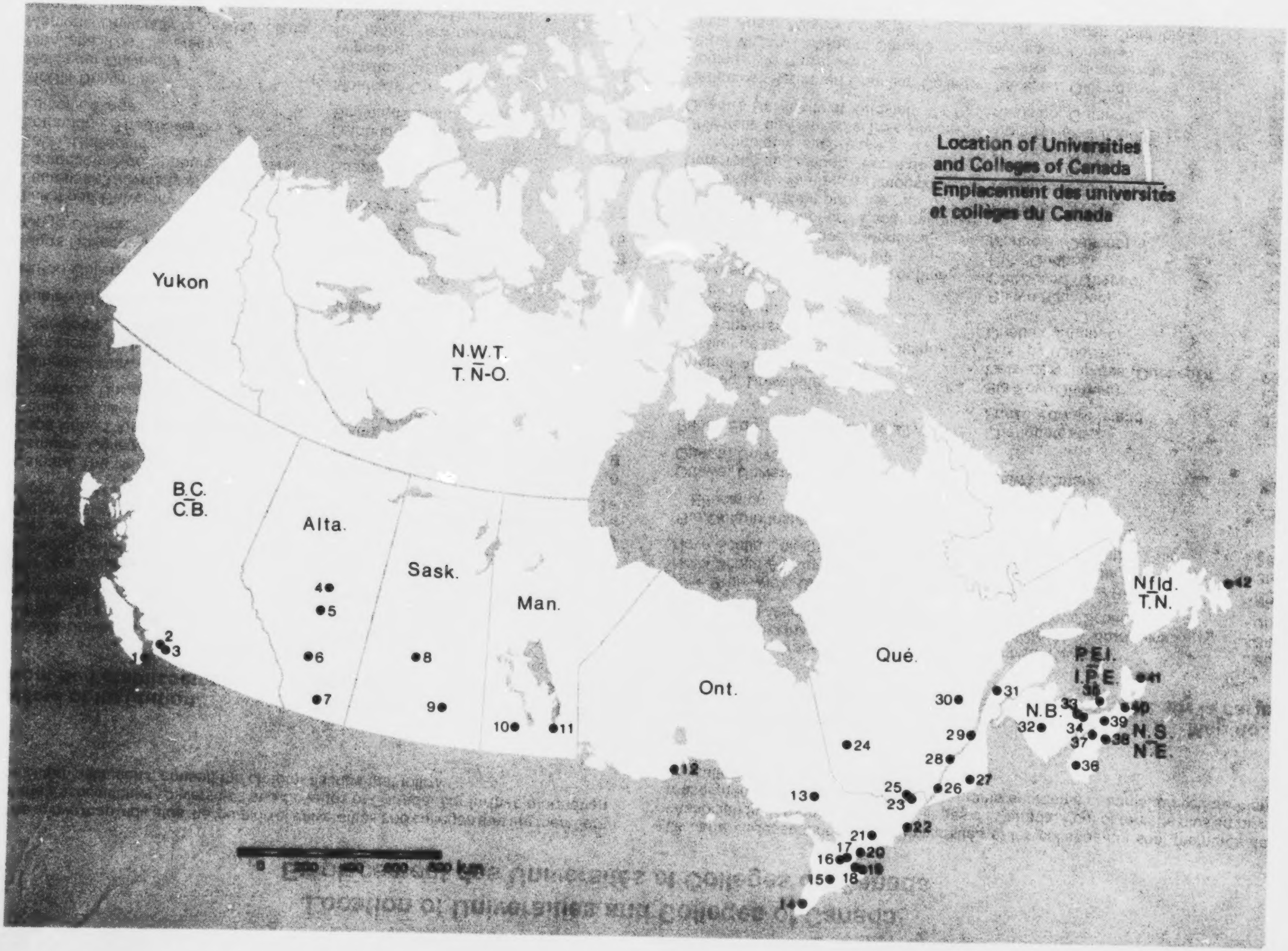
Canada. Employment and Immigration Commission. Career Guidance Material Division. *Careers provinces.* Not for general distribution; may be consulted in Canada Employment Centres, libraries, university counselling centres. Approximately 600 leaflets for each province.

Canada. Employment and Immigration Commission. *Directory of employers of college and university graduates in Canada, 1983.* Prepared by Career Guidance Material Division, Ottawa, Minister of Supply and Services, 1982. Bilingual.

Canada. Employment and Immigration Commission. *Canada employment centres on campus: points of service: directory, 1983/84-* . Ottawa, 1983.

Freebury, J.D. *Facilities and services for disabled students at Canadian universities and colleges.* Winnipeg, University of Manitoba, 1981.

Directory of college facilities and services for the handicapped. Phoenix, Arizona, Oryx Press. 1985. (Contains information pertaining to a number of Canadian universities).



Location of Universities and Colleges of Canada

Emplacement des universités et collèges du Canada

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Location of Universities and Colleges of Canada/ Emplacement des Universités et Collèges du Canada

The above map indicates the location of universities and colleges that are members of the Association of Universities and Colleges of Canada. For further information on listed institutions, consult the chapter listings that follow.

La carte ci-dessus localise les universités et les collèges qui sont membres de l'Association des Universités et Collèges du Canada. Pour obtenir de plus amples renseignements au sujet des établissements énumérés ci-après, on voudra bien consulter les chapitres qui suivent.

Name of Institution/ Nom de l'établissement	Location/ Endroit	Map no./ Nº sur la carte
Acadia University	Wolfville, Nova Scotia	37
Alberta, The University of	Edmonton, Alberta	5
Athabasca University	Athabasca, Alberta	4
Bishop's University	Lennoxville, Québec	27
Brandon University	Brandon, Manitoba	10
Brescia College	London, Ontario	15
British Columbia, The University of	Vancouver, British Columbia	2
Brock University	St. Catharines, Ontario	19
Calgary, The University of	Calgary, Alberta	6
Campion College	Regina, Saskatchewan	9
Cape Breton, University College of	Sydney, Nova Scotia	41
Carleton University	Ottawa, Ontario	23
Concordia University	Montréal, Québec	26
Dalhousie University	Halifax, Nova Scotia	38
Dominicain de philosophie et de théologie, Collège	Ottawa (Ontario)	23
Guelph, University of	Guelph, Ontario	17
Huron College	London, Ontario	15
King's College, University of	Halifax, Nova Scotia	38
King's College	London, Ontario	15
Lakehead University	Thunder Bay, Ontario	12
Laurentian University of Sudbury/ Laurentienne de Sudbury, L'Université	Sudbury, Ontario	13
Laval, Université	Québec (Québec)	29
Lethbridge, The University of	Lethbridge, Alberta	7
Luther College	Regina, Saskatchewan	9
McGill University	Montreal, Quebec	26
McMaster University	Hamilton, Ontario	18
Manitoba, The University of	Winnipeg, Manitoba	11
Memorial University of Newfoundland	St. John's, Newfoundland	42
Moncton, Université de	Moncton (New Brunswick)	33
Montréal, Université de	Montréal (Québec)	26
Mount Allison University	Sackville, New Brunswick	34
Mount Saint Vincent University	Halifax, Nova Scotia	38
New Brunswick, University of	Fredericton, New Brunswick	32
Nova Scotia Agricultural College	Truro, Nova Scotia	39
Nova Scotia College of Art and Design	Halifax, Nova Scotia	38
The Ontario Institute for Studies in Education	Toronto, Ontario	20
Ottawa, Université d'/ Ottawa, University of	Ottawa (Ontario)	23
Prince Edward Island, University of	Charlottetown, Prince Edward Island	35
Québec, Université du	Ste-Foy (Québec)	29
-Institut Armand-Frappier	Laval-des-Rapides (Québec)	26
-Institut de la recherche scientifique	Ste-Foy (Québec)	29
-Télé-université	Québec (Québec)	29
Université du Québec en Abitibi-Témiscamingue	Rouyn (Québec)	24
Université du Québec à Chicoutimi	Chicoutimi (Québec)	30
Université du Québec à Hull	Hull (Québec)	25
Université du Québec à Montréal	Montréal (Québec)	26
Université du Québec - École nationale d'administration publique	Ste-Foy (Québec)	29
Université du Québec à Rimouski	Rimouski (Québec)	31
Université du Québec - École de technologie supérieure	Montréal (Québec)	26
Université du Québec à Trois-Rivières	Trois-Rivières (Québec)	28
Queen's University at Kingston	Kingston, Ontario	22
Redeemer Reformed Christian College	Ancaster, Ontario	18
Regina, The University of	Regina, Saskatchewan	9
Royal Military College of Canada	Kingston, Ontario	22
Royal Roads Military College	Victoria, British Columbia	1

Name of Institution/ Nom de l'établissement	Location/ Endroit	Map no./ Nº sur la carte
Ryerson Polytechnical Institute	Toronto, Ontario	20
Sainte-Anne, Université	Pointe-de-l'Église (N.-É.)	36
Saint-Boniface, Collège universitaire	Winnipeg, Manitoba	11
St. Francis Xavier University	Antigonish, Nova Scotia	40
St. Jerome's College, The University of	Waterloo, Ontario	16
St. John's College	Winnipeg, Manitoba	11
Saint Mary's University	Halifax, Nova Scotia	38
St. Michael's College, University of	Toronto, Ontario	20
Saint-Paul, Université/St. Paul University	Ottawa, Ontario	23
St. Paul's College	Winnipeg, Manitoba	11
St. Thomas More College	Saskatoon, Saskatchewan	8
St. Thomas University	Fredericton, New Brunswick	32
Saskatchewan, University of	Saskatoon, Saskatchewan	8
Sherbrooke, Université de	Sherbrooke (Québec)	27
Simon Fraser University	Burnaby, British Columbia	2
Sudbury, University of/ Sudbury, Université de	Sudbury, Ontario	13
Technical University of Nova Scotia	Halifax, Nova Scotia	38
Toronto, University of	Toronto, Ontario	20
Trent University	Peterborough, Ontario	21
Trinity College, University of	Toronto, Ontario	20
Trinity Western University	Langley, British Columbia	3
Victoria, University of	Victoria, British Columbia	1
Victoria University	Toronto, Ontario	20
Waterloo, University of	Waterloo, Ontario	16
Western Ontario, The University of	London, Ontario	15
Wilfrid Laurier University	Waterloo, Ontario	16
Windsor, University of	Windsor, Ontario	14
Winnipeg, The University of	Winnipeg, Manitoba	11
York University	North York, Ontario	20

Acadia University*

General Information

Address: Wolfville, Nova Scotia B0P 1X0
Telephone: (902) 542-2201
Telex: 0142150

President and Vice-chancellor: J.R.C. Perkin, MA, DPhil

For a complete list of Acadia faculty, see the Acadia calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, D.J. Green, BA, MA

Admissions Officer (high school liaison): R. Stead, ext. 536

Enrolment (1985-1986):

Full-time undergraduate:	3,133
Part-time undergraduate:	727
Full-time graduate:	155
Part-time graduate:	117

Full-time faculty (1985-1986): 220

Total income (1985-1986): $30,964,000

General operating fund income (1984-1985)

	('000)	
Government Grants	$ 14,955	48.3%
Fees	5,112	16.5%
Miscellaneous	1,249	4.0%
Sub Total	$ 21,316	68.8%
Other funds income		
Ancillary enterprises	$ 6,360	20.6%
Special purpose and trust	2,747	8.9%
Sponsored research	541	1.7%
Sub Total	$ 9,648	31.2%
TOTAL	$ 30,964	100%

History and Governance

Acadia University grew out of Horton Academy, established in 1828 by the Baptists of Nova Scotia and Queen's College, founded on the same campus in 1838. Regular instruction in the arts began in 1839; the first graduating class received its degrees in 1843. In 1841 the name Acadia College was adopted, and in 1891 the provincial legislature approved a further change to Acadia University.

Acadia University is a non-denominational and co-educational institution. Its main source of support is public funds. The university is administered by a 38-member board of governors. There is also a senate consisting of approximately 46 members.

Buildings and Grounds

The university is situated on a 250-acre campus in the town of Wolfville, Nova Scotia (population 3,500). The campus houses 10 academic buildings, a central library with several departmental branches, an administration building, a students' centre, a gymnasium with other extensive sports facilities, 12 students residences and two dining halls, a faculty club, and a chapel. Laboratories are available for biology, chemistry, engineering, geology, home economics, languages, and physics. A greenhouse, herbarium and arboretum, and the affiliated Acadia Divinity College are located on the campus.

Libraries

There are three libraries on campus, the Vaughan Memorial, which is the main library, and the biology department and science libraries. Current holdings of the three libraries total 420,000 volumes, 3,000 periodicals and 110,000 government documents.

Special collections: Eric Dennis Collection of Canadiana
John D. Logan Collection of Canadiana
William Inglis Morse Collection of Rare Editions
Atlantic Baptist Historical Collection
Acadia University Archives

Programs and Degrees

All bachelor's degrees require four years (20 credits) beyond Nova Scotia grade 12 unless otherwise specified. Master's degrees require at least one year beyond a four-year bachelor's degree.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs see **Degrees and Diplomas** chapter.

Applied science

Certificate of applied science (CertAppSci) Two-year engineering program (11 credits) providing a broad foundation in areas of pure science and the specialized applied science courses necessary for final three years of engineering degree programs offered by the Technical University of Nova Scotia.

Arts

Bachelor of arts (BA) Three years (15 credits)
Bachelor of arts with major (BA) (15 credits)
Bachelor of arts (honours) [BA(Hons)] (20 credits)
Master of arts (MA)

Business administration

Bachelor of business administration (BBA) (20 credits)

Computer science

Bachelor of computer science (BCS) (20 credits)

Education

Bachelor of education (BEd) One year beyond bachelor's degree in arts, science, engineering, or commerce from an approved university leading to BEd and class 5 teaching certificate of Nova Scotia department of education. Also Special Education (11 months).

Master of education (MEd) At least one year from BEd or equivalent, with at least two years successful teaching experience. Four programs are offered: a) general program for teachers who wish to increase their knowledge in the field of education and in their special teaching field; b) educational administration; c) guidance counselling; d) special education with emphasis on learning difficulties and exceptional children.

Home economics

Bachelor of science (home economics) [BSc(HE)] (20 credits).

Music

Bachelor of music (BMus) grade eight applied music required (20 credits).

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Bachelor of arts (major in music) [BA(Mus)] grade six applied music (20 credits).
Bachelor of music education (BMusEd) grade six applied music (20 credits) required.

Recreation and physical education
Bachelor of arts (BAP) or science (BSP) in recreation and physical education (20 credits).
Master of recreation (MR)

Science
Bachelor of Science-General (BSG). Three years (15 credits).
Bachelor of Science-Major (BSc) or Honours (BScH). Four years (20 credits)
Master of science (MSc)

Secretarial science
Bachelor of secretarial administration (SCA) Three years (15 credits).
Diploma in secretarial science (BAS) Courses may be continued with a program leading to the BA or BSc.

Theology (Acadia Divinity College)
Master of arts (theology) (MAT)
Master of divinity (MDiv) Three years from BA or equivalent.
Master of religious education (MRE)
Master of theology (MTh)

Continuing Education
Undergraduate courses in arts, business administration, education, and science are offered during winter session at various centres.

Correspondence: Certain courses in arts, business administration, education, and theology are offered by correspondence. For further information, contact the registrar.

Summer session: Undergraduate courses are offered in arts, business administration, physical education and recreation and science. Graduate courses are also offered in education.

Admission Requirements

Undergraduate
Nova Scotia: Students who have completed five subjects in the grade 12 university entrance program may be eligible for admission. Applicants must have a minimum average of sixty per cent in their courses; no mark in any subject may be below 50 per cent.

Other provinces: Certificates of equivalent standing are required. Manitoba, New Brunswick, Saskatchewan, British Columbia, Newfoundland, Prince Edward Island and Alberta: the grade 12 university entrance program is recognized as equivalent to Nova Scotia grade 12. Ontario grade 13 and Quebec CEGEP year 1 are accepted as equivalent to Nova Scotia grade 12.

Mature students
Mature applicants are considered on an individual basis.

Senior Citizens
Individuals 60 and over are normally exempt from all tuition fees as well as from regular admission requirements.

Graduate
Applicants must hold a four-year undergraduate degree from an approved university with at least a B average in the major during the last two years of study. Departments may require additional criteria. Applicants for the MEd program must have a bachelor's degree, BEd or equivalent, two years teaching experience and the GRE or Miller analogies test. Applicants for master's degree in psychology must have both the Miller analogies test and the GRE.

Foreign Students
Applicants must provide official documents for evaluation. Level of previous educational achievement should be equal to Nova Scotia Grade 12. Applicants whose first language is not English should submit TOEFL results. A minimum score of 560 is required. Enrolment in some programmes is limited. International Baccalaureates are accepted for admission purposes with possible advanced credit.

Costs (1985-1986)

Tuition: Full-time undergraduate, $1,460 (divinity 1100). Part-time undergraduate, less than three full courses $313 per course. Graduate, first year $1,500, second year (if necessary) $580, and $115 in each subsequent year. Visa students pay a $1,700 differential fee in addition to the regular tuition fees.

Residence: room and board, double and 21 meals per week $3,175, double and 15 meals per week $3,085, double and ten meals per week $3,000, single and 21 meals per week $3,435, single and 15 meals per week $3,345, single and 10 meals per week $3,270. All pay a Student Residence Care Fee of $15.

Student fees: full-time and part-time $10 per course.

Medical Insurance: all students without provincial hospital and medical coverage are required to purchase a university health and accident insurance policy at a cost of $215 for single students, and $500 for married students.

All fees are subject to change without notice.

Academic Year

Fall session: September to December
Winter session: January to April
Spring session: May to June
Summer session: July to August

Grading System

The grading system is uniform for all faculties. Excellent: A+, 94-100%; A, 87-93%; A—, 80-86%. Good: B+, 77-79%; B, 73-76%; B—, 70-72%. Average: C+, 67-69%; C, 63-66%; C—, 60-62%. Pass: D+, 57-59%; D, 53-56%; D—, 50-52%. Fail:E.

Student Aid

Acadia offers a number of undergraduate scholarships ranging from an entrance scholarship of $300 to a university scholarship of $10,000 ($2,500 annually for four years). Scholarships are awarded on the basis of high school grades, departmental examinations, class standing, principals' recommendations, and overall student ability. Scholarships are given without assessment of financial need and usually include monetary reward with honorary recognition of academic merit. Alumni awards are also given in recognition of particular abilities or talents.

Bursaries are available to students who have been accepted by the university and who demonstrate a need for additional financial support which is not available from other sources. Students are eligible to apply for assistance under the Canada Student Loans Plan.

Graduate fellowships and scholarships are available from the university. Assistantships are granted to students who are assigned duties by their departments.

For details concerning student awards and assistance, contact the director of admissions and student assistance.

Student Life and Services

Students are represented on the board of governors and on the senate of the university.

All students are members of the Acadia University Students' Union. The union manages the Students' Centre, organizes an orientation week in the fall for all in-coming students, and provides a limited free legal aid service. The union is governed by an elected representative council.

Five residences on campus can accommodate 901 women students. Five residences for men accommodate 840 students. These include two co-ed residences.

The Students' Centre provides a wide range of facilities and services. These include a cafeteria, TV lounge, auditorium-ballroom, specialty store, meeting rooms, reading lounge, art gallery and music lounge. In addition, there is a vending machine and a complete photographic darkroom.

Students have the opportunity to participate in numerous extracurricular activities. There are more than 25 organizations and clubs on campus, including the scuba club, the Musicadians, winter carnival, choral society, Radio Acadia, the dramatic society, and the Students' Christian Movement. Most faculties and schools have their own student club.

The university counselling centre administers interest and aptitude tests and provides personal, academic and vocational guidance to students. Career counselling is also available at the Canada Employment centre on campus.

A chaplain offers personal and religious counselling and conducts religious services in the university chapel.

Nursing care and a central infirmary are available to all students. These services are provided without charge to students registered for room and board accommodation. Students living off-campus and requiring hospitalization are charged $12 per day.

Handicapped students are assisted on an individual basis, and residences are available with facilities especially for this purpose.

A centrally located bookstore is administered by the university and provides all texts required by the academic program.

Parking facilities are provided around the fringe of the campus and near the residences. An annual fee of $2 is charged to users. A local bus service to nearby communities makes stops on campus.

Research Institute

Acadia University Institute. Executive director: Maurice S. Tugwell, BSc, MSc, PhD

Affiliated Institution

Acadia Divinity College, Wolfville, Nova Scotia B0P 1X0 Telephone, (902) 542-2201 ext. 321. Co-educational theological seminary. Founded in 1968 and located on campus of Acadia University. Undergraduate and graduate institution leading to BTh, MTh, MRE, MDiv. Residential accommodation available. Principal: H.L. Mitton, BA, BD, DDiv

The University of Alberta*

General Information

Address: Edmonton, Alberta T6G 2E5
Telephone: (403) 432-3111
Telex: 0372979

President and Vice-chancellor: M. Horowitz, BA, MEd, EdD, LLD

For a complete list of University of Alberta faculty, see the Alberta calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, B.J. Silzer, BSc, BEd, MEd

High School Liaison Officers: L.M. Gunter, J.M. Daniel, B.J. Hjartarson. *Telephone:* (403) 432-4537

Enrolment (1985-1986):

Full-time undergraduate:	21,063
Part-time undergraduate:	3,402
Full-time graduate:	2,742
Part-time graduate:	1,115

Full-time faculty (1985-1986): 1,550

Total income (1985-1986): $395,574,000

General operating fund income	('000)	
Government grants	$202,279	51.1%
Fees	24,117	6.1%
Miscellaneous	7,316	1.8%
Sub Total	$233,712	59.0%
Other funds income		
Ancillary enterprises	$ 29,713	7.5%
Special purpose and trust	17,911	4.5%
Sponsored research	58,632	14.9%
Miscellaneous	55,606	14.1%
Sub Total	$161,862	41.0%
TOTAL	$395,574	100%

History and Governance

The University of Alberta was inaugurated by an act of the provincial legislature in 1906. Classes opened in 1908 and the first degrees were awarded in 1912.

From 1951 to 1964, the university offered instruction in Calgary as well as in Edmonton, site of the main campus. In 1964 the Calgary campus became autonomous in academic matters, and in 1966 it was constituted a separate provincial institution known as The University of Calgary. The University of Alberta is a public, co-educational and non-denominational institution. It is governed by an 18-member board of governors, a senate, and a general faculties council.

Buildings and Grounds

The university is situated on a 154-acre site in Edmonton, Alberta. (Edmonton, the provincial capital, has a population of over 600,000. There are 35 teaching buildings, four libraries, two administration buildings, a printing services building, a students' union building and indoor and outdoor recreational facilities all of which are moderately accessible to disabled students. Student residences and an affiliated residential college, St. Joseph's, complete the campus.

A 724-acre university farm is located two miles south of the main campus. Also adjoining the campus are the University Hospital, the Alberta Research Council, the Aberhart Memorial Sanatorium, the Northern Alberta Jubilee Auditorium, and the W.W. Cross Cancer Institute.

Libraries

The libraries of the university contain over 2.5 million volumes, 500,000 documents, 15,000 periodical subscriptions, audio-visual aids and a wide selection of research materials on microfilm.

Special collections: There are five major subject collections. The humanities and social sciences library is located in the Rutherford Library Complex with some units, including an undergraduate collection, located in the Cameron Library. Also housed in the Cameron Library are the general sciences library, with branches for mathematics in the central academic building and for physical sciences in the physics-chemistry building, and the medical sciences library, with a branch at the university hospital. The Weir Memorial Law Library is housed in the law centre. The other major library on campus is the Herbert T. Coutts Education Library; it occupies a wing of the education building, and includes a curriculum materials preparation area.

Programs and Degrees

Bachelor's degrees require four years (120 credits) of study beyond senior matriculation unless otherwise specified. Master's degrees require at least one year after a four-year undergraduate degree and doctorates require at least two years from a master's degree or three years from a bachelor's degree unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs see **Degrees and Diplomas** chapter.

Agriculture and forestry

Bachelor of science in agricultural engineering (BSc)
Bachelor of science in agriculture (BSc) Four years beyond senior matriculation or from diploma (With additional high school credits) from provincial school of agriculture.
Bachelor of science in forestry (BSc)
Bachelor of science in food science (BSc) Interdisciplinary program.
Pre-veterinary medicine. Two years from senior matriculation. Students selected by Western College of Veterinary Medicine take further four years at the University of Saskatchewan to qualify for the degree of doctor of veterinary medicine. There is a quota on number of Alberta students selected to transfer to DVM program.
Master of science (MSc)
Master of agriculture (MAg) Minimum one year in length. Three years satisfactory professional experience from a bachelor's degree in agriculture required for admission.
Doctor of philosophy (PhD)

Arts

Bachelor of arts (BA) General course four years from

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senior matriculation. Special and honours courses four years from senior matriculation.
Bachelor of arts (Canadian Studies)[BA(Canadian Studies)]
Bachelor of arts (Special) in criminology (BA)
Bachelor of arts (Special) in East Asian Studies
Master of arts (MA) At least two years from ordinary BA or at least one year from an honours BA.
Doctor of philosophy (PhD)

Note: General and special courses require selection to two areas of concentration. BA (Canadian Studies) calls for a reading knowledge of French and a principal area of concentration with eight courses specified as Canadian content.

Business
Bachelor of commerce (BCom)
Master of business administration (MBA) One year from BCom, two from other undergraduate degree. Master of public management (MPM) One year from BCom, two from other undergraduate degree.
Doctor of philosophy in Business Management (PhD)

Dentistry
Diploma in dental hygiene. Two years from senior matriculation.
Doctor of dental surgery (DDS) Four years following two years of science beyond senior matriculation.
Master of science (MSc)
Doctor of philosophy (PhD)

Drama
Bachelor of fine arts (BFA) Three years following a full year of study in the BA general program. Applicants must pass an audition.
Two specializations: acting and theatre design.
Master of arts (MA)
Master of fine arts (MFA)

Education
Bachelor of education (BEd) Four years from senior matriculation or two years from bachelor's degree.
Graduate diploma in education. One year following approved program resulting in a university degree and professional teaching certificate.
Master of education (MEd)
Doctor of education (EdD) Applicants must have several years successful teaching and reading knowledge of appropriate modern language.
Doctor of philosophy (PhD)

Engineering
Bachelor of science in engineering (BSc)
Master of engineering (MEng) At least nine months from bachelor's degree in engineering.
Master of science (MSc)
Doctor of philosophy (PhD)

Fine arts
Bachelor of fine arts (BFA) Applicants must present portfolio for art and design.
Master of arts (MA)
Master of fine arts (MFA)
Master of visual arts (MVA) Normally two academic years from four-year BFA.

Food science
Bachelor of science in food science [BSc(FdSc)] Administered by interdisciplinary committee of the faculties of agriculture, science, and home economics.

Home economics
Bachelor of science [BSc(HEC)]
Master of science (MSc) Usually two years from the BSc in home economics.

Law
Bachelor of laws (LLB) Three years from either BA or other acceptable degree. In special circumstances, three years from completion of two years of any full-time university program.
Master of laws (LLM)

Library science
Master of library science (MLS) One year from BLS or equivalent.

Medicine
Bachelor of science in medical laboratory science [BSc(MLS)]
Bachelor of science in medicine [BSc(Med)] Normally one year in branch of medical science after completion of two of the four undergraduate years of study in MD program.
Doctor of medicine (MD) Four years after two years of science beyond senior matriculation.
Diploma in health services administration.
Master of science (MSc)
Master of health services administration (MHSA)
Two years after undergraduate degree.
Doctor of philosophy (PhD)

Music
Bachelor of music (BMus) Applicants must pass audition.
Master of music (MMus)
Doctor of music (DMus)

Nursing
Bachelor of science in nursing (BSc)
Bachelor of science in nursing for registered nurses (BSc) Two years plus summer school after graduation from approved RN diploma program.
Master of nursing (MNus)
Certificate in advanced practical obstetrics.
Certificate in neonatal nursing
Certificate in emergency/intensive care unit nursing

Pharmacy and pharmaceutical sciences
Bachelor of science in pharmacy (BSc)
Master of pharmacy (MPharm) At least two years after four-year BSc in pharmacy. Includes residency.
Master of science (MSc)
Doctor of philosophy (PhD)

Physical education and recreation
Bachelor of physical education (BPE)
Bachelor of arts in recreation administration (BA)
Master of arts (MA)
Master of science (MSc)
Doctor of philosophy (PhD)

Rehabilitation medicine
Bachelor of science in occupational therapy (BScOT)
One year of pre-professional study and three years in department of occupational therapy.
Bachelor of science in speech pathology and audiology (BSc) One year of pre-professional study and three years within department of speech pathology and audiology.
Bachelor of science in physical therapy (BScPT)
Four years from senior matriculation.
Master of science in physical therapy (MScPT)

Science

Bachelor of science (BSc) General program four years from senior matriculation. Special and honours program four years from senior matriculation. Students who intend to proceed to MD or DDS may follow prescribed program in two pre-professional years to qualify for BSc at the end of a further two years in professional faculty.

A two-year pre-professional program in optometry is also available for preparation for entrance into the school of optometry at The University of Waterloo.

Master of science (MSc) At least two years from general BSc or one year from honours BSc.

Doctor of philosophy (PhD)

Theology

Degree and continuing education program in theology offered at St. Stephen's College and St. Joseph's College, affiliates of the university.

Special programs

Winter session: Undergraduate and graduate courses, primarily in arts and education, are offered on campus during the winter evening session and at various off-campus centres.

Spring and summer sessions: Spring session and summer session graduate and undergraduate courses offered towards degrees in arts, science, education, graduate studies, and commerce. Teachers proceeding toward a first degree, graduate work, or diploma in education may do so through summer session.

Co-operative programs: The faculty of engineering co-op program is an optional one within the BSc degree program. It provides students with the opportunity to complete 20 months of supervised work experience. This experience is gained in 5 work terms and adds 1 extra year to the length of the degree program. The co-op program is available to all programs in each Engineering discipline.

Immersion programs: A bilingual program of studies leading to the BA, BEd and BSc degrees is available through the university's Faculté Saint-Jean.

Continuing education

The faculty of extension offers over 400 continuing education courses, classes and seminars for adults in liberal studies, business, technical and professional studies, community resources development, fine arts, human relations, and public administration. Both the extension library, which maintains a collection of 78,000 volumes available to users across the province, and the educational media division, which maintains films, slides, filmstrips, records, videotapes and audio cassettes, serve to reinforce the work of the faculty of extension.

Admission Requirements

Undergraduate

Alberta: Candidates must have a minimum average of 65 per cent in five prescribed grade 12 subjects.

Other provinces: Candidates presenting equivalent subjects will be considered for admission. Applicants from British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Prince Edward Island, Yukon, Northwest Territories and Saskatchewan may apply after grade 12. Ontario students may apply after grade 13. Quebec applicants must complete CEGEP one. Application fee of $24.

Mature students

Students 21 years of age and permanent residents of the province of Alberta or Yukon or Northwest Territories who do not meet formal admission requirements may be excused from presenting the normal matriculation requirements. Details are available from the Registrar's Office.

Senior Citizens

Senior citizens, 65 years and over, registered in undergraduate courses are exempt from tuition fees.

Graduate

Baccalaureate degree with grade point average of at least 6.0 in work done in the last two undergraduate years at The University of Alberta, or equivalent qualification from another institution and statement from department that the applicant is acceptable to the department.

Foreign Students

Certificates equivalent to Alberta grade 12 in appropriate subjects. CEEB scores recommended. The language of instruction at the university is English, except in courses available in French at Faculté Saint-Jean. Students whose native tongue is not English and who have studied English only as a second language are required to demonstrate proof of proficiency in English by presenting TOEFL score of at least 600.

A number of faculties and certain programs within faculties have a quota on enrolment. Up to 85% of the places in quota faculties are normally reserved for Alberta residents. For the remaining places our goal is to make 5% of these spaces available to foreign students, and at least 10% to non-Alberta Canadians.

USA: Full academic high school program plus satisfactory scores in CEEB aptitude and prescribed achieved tests.

Central and South America: First-year accredited university (Normally 30 semester hours) standing in appropriate subjects.

UK, West Indies, East and West Africa, Hong Kong: GCE, HSC, or University of Hong Kong matriculation in five appropriate subjects including two at A-level or in four appropriate subjects with three at A-level.

Europe and Commonwealth: Final-year secondary school graduation (maturity) certificate.

India, Pakistan and Bangladesh: Bachelor's degree with first division standing.

Japan, Korea and Taiwan: First-year accredited university standing in appropriate subjects.

Philippines: Second-year accredited university standing in appropriate subjects.

Other: Applicants submitting the international baccalaureate will be considered for admission. Students receive advanced credit or advanced placement, on a subject-by-subject basis, depending on the subject and the level completed.

Application Deadlines

Applications for most undergraduate programs must be submitted by June 1 of year in which admission is sought: (several deadlines are earlier). Graduate studies applications should be submitted by August 15 and students from abroad should apply one month ahead of these dates. Consult the university's calendar for application deadlines to specific programs.

Winter session: 1st term (Sept.): June 1. 2nd term (Jan.): Nov 1. Spring session: March 1. Summer session: April 1.

Costs (1986-1987)

Tuition: Full-time undergraduate fees for each of two terms in the winter session (part-time fees per course indicated in brackets). Agriculture and forestry, arts, business, dental hygiene, education, home economics, law, library science, nursing, pharmacy and pharmaceutical sciences, physical education and recreation, rehabilitation medicine and science, $426 ($103). Engineering, $536 ($115). Dentistry, medicine, $639 ($138). Undergraduate miscellaneous compulsory fees per term, Student's Union: $23, University Athletic Board: $19, University Health Service: $7.00. Full-time graduate fees for minimum period in which degree program can be completed: qualifying year for holders of bachelor's degree from three-year undergraduate program, $1068. Master's degree for holders of bachelor's degree from four-year program continuing in the same field, $1068. Master's degree for holders of a four-year bachelor's degree changing field for the first time, $1,602. Doctor of philosophy (or doctor of education) for holders of master's degree continuing in the same field $2136 for two years; and for holders of honours bachelor's degree for three years, $3,204. An additional registration fee of $35 is charged annually. Foreign students are required to pay a differential fee equivalent to 50% of the regular tuition fee, in addition to the regular fee.

Part-time: $254 for each full session course and $127 for each single-term course up to total instruction fee for full program.

Residence: The Department of Housing & Food Services operates six different accommodation units including: Lister Hall, Pembina Hall, Faculté Saint-Jean, HUB, Garneau and Michener Park (married students). Base rates for residence (Lister Hall) are from $3,200 (single) and $2,800 (double).

Off-campus accommodation: The cost ranges from approximately $350 for cooperatives to $350-$500 for unfurnished private one-bedroom apartments.

All fees subject to change without notice.

Academic Year

Winter session: early September to end of April. Spring session: early May to mid-June. Summer session: early July to mid-August. Intersession (for graduate students): early May to early September.

Grading System

Nine-point grading system as follows: 9,8 (excellent); 7,6 (good); 5,4 (pass); 3,2,1 (fail). For undergraduate students, passing grade is normally 4; graduate students, passing grade is 6. Some courses may be taken on a pass/fail basis; conditions are specified by the faculty council.

Student Aid

The university has a program of scholarships and bursaries for matriculation, undergraduate and graduate students. Application dates are July 15, June 1, and February 1 respectively. Many matriculation awards are restricted to students from Alberta high schools while most undergraduate awards are granted on the basis of academic work done at the university. Graduate awards are generally open to graduates of any university who are Canadian citizens or landed immigrants at the date of the application. Many graduate studies departments also offer assistantships. Students who are Canadian citizens or landed immigrants and have lived in Alberta for one year may be eligible for loans based on financial need. Interested students should write to the Director of Student Awards. Those seeking assistantships should contact Faculty of Graduate Studies or department concerned.

Student Life and Services

The interests of undergraduate students are the concern of the Students' Union. The union provides a very wide variety of services, facilities and functions to its members. It houses most of its activities in the Students' Union Building. Offered are such things as: an exam registry; a travel agency; a bank; a typing/copying service; a housing registry; an ombudsperson service; a Student Orientation Service and so on. Students are actively engaged in the student newspaper and student radio station. Facilities include 3 food and beverage outlets, a theatre, a games room, a bookstore, a record store, an information booth, convenience store, and a weekly cabaret. In addition the Students' Union publishes a student directory and handbook every fall. The union is administered by an elected executive Committee and a Students' Council. Students' Union representatives sit on the board of governors, the senate, the general faculties council and university committees. Current fees are $46 per Winter Session.

The Graduate Students' Association administers and promotes the affairs of full-time and part-time graduate students. It also provides students with official representation in and outside the university and organizes cultural, social and recreational activities. The association is governed by a council that includes in its membership a representative from every department offering graduate programs.

To encourage participation in organized and recreational sports programs, the university makes available a wide range of athletic facilities. Among these are a main gymnasium, a dance gymnasium, a gymnastics gym, two swimming pools, a wrestling room, three weight training rooms, an ice arena, playing fields and an all-weather track. There are also handball, racquetball, and squash courts. In addition there is the newly-constructed Universiade Pavilion which allows for indoor track, volley-ball, basketball, field hockey, badminton and soccer, as well as the University Tennis Centre. The Athletic Services fee of $37 covers the use of these facilities. The University of Alberta participates in and offers a wide variety of sporting activities at both the Intercollegiate and Intramural levels. The Campus Recreation unit is comprised of intramural programs, staff fitness and lifestyle programs and sports clubs.

The university is currently able to provide room and board in the Lister Complex for 1,800 students. Also situated on campus is the HUB, an apartment/shopping mall complex providing accommodation for 900 students in units for one, two and four students. There is Michener Park, a 547-unit married student housing complex consisting of one, two and three-bedroom apartments. Daycare is available on campus. Pembina Hall offers 136 on-campus single rooms for graduate and senior students.

The Student's Union prepares lists of rooms available to students off-campus. A limited number of co-op homes in an adjacent area are available to students. Information is available from the director of the Housing Registry.

The University Health Service provides comprehensive medical care throughout the year for students fee of

$14 per session for services not covered under the Alberta Health Care Insurance Plan.

Counselling is available to students and prospective students throughout the year at Student Counselling Services. Those registered at the university may use the counselling service for assistance with study skills, vocational planning, personal problems, or academic matters such as change of faculty, withdrawal from the university, or unsatisfactory standing.

The International Student Advisor, the Mature Student Advisor, and the Disabled Students' Coordinator can be reached through Student Affairs at 432-4145. In addition there is the Native Affairs Office which can be reached at 432-5677.

The Canada Employment and Immigration Commission, in cooperation with the university, maintains a full-time employment service on campus on a year-round basis. Students seeking part-time, summer or permanent employment are invited to use this office. Local employers, as well as employers from across Canada, use the service to interview prospective graduates. Interviews commence during the last week of October and continue throughout the academic year.

Research Institutes

Alberta Institute of Pedology. Chairman: W.B. McGill, BSA, MSc, PhD

The Boreal Institute for Northern Studies. Acting director: A.S.A. Mohsen, PhD

Canadian Institute of Ukrainian Studies. Director: M.R. Lupul, PhD

Cancer Research Unit (McEachern Laboratory). Director G.A. Lepage, BSc, MSc, PhD

Centre for Advanced Study in Theoretical Psychology. Acting director: L.P. Mos, PhD

Centre for Criminological Research. Coordinator: J. Creechan, PhD

Centre for Experimental Sociology. Director: W.D. Pierce, PhD

Centre for Gerontology. Chairman: B.G. Rule, PhD

Centre for the Study of Mental Retardation. Director: J.P. Das, PhD

Institute of Earth and Planetary Physics. Director: G. Rostoker, PhD

Institute of Law Research and Reform. Director (legal staff): W.H. Hurlburt, BA, LLB, QC

International Development Research Centre. Associate director: W. Edwardson.

McLaughlin, RS, Examination and Research Centre. Acting Director: Dr. D.L. Dunlop, MD, FRCS(C)

The Nuclear Research Centre, Director: J.M. Cameron, PhD

Population Research Laboratory. Director: L.W. Kennedy, PhD

Surgical-Medical Research Institute. Director: G.W. Scott, MB, BS, MS, FRCS(C)

Theoretical Physics Institute. Director: Y. Takahashi, PhD

Water Resources Centre. Director: D.S. Chanasyk, PhD

Affiliated Colleges

Camrose Lutheran College, Camrose, Alberta T4V 2R3 Telephone, (403) 679-1100. Lutheran, coeducational. Established in 1959 and affiliated to the university as a junior college. Offers two years of instruction beyond senior matriculation. President: K.G. Johnson, BA, BD, STM

Canadian Union College, Lacombe, Alberta T0C 0Z0 Telephone, (403) 782-3381. Seventh-Day Adventist. Established in 1907 and affiliated with the university in 1971. Offers one year of instruction after senior matriculation. President: Malcolm S. Graham, MA

Concordia College, Edmonton, Alberta T5B 4E4 Telephone, (403) 479-8481. Lutheran, co-educational. Established in 1921 and affiliated with the university in 1968. Offers two years of instruction beyond senior matriculation. President: O. Walz, MSc, DEd

The King's College, Edmonton, Alberta T5H 2M1 (403) 428-0727. A Christian, liberal arts college, affiliated with the University in November 1983. Offers instruction in liberal arts, science and education courses up to the second year level. President: H.W.H. Van Andel, BSc, MSc, PhD

St. Joseph's College, Edmonton, Alberta T6G 2M7 Telephone, (403) 433-1569. Roman Catholic, coeducational. Established in 1926 as an affiliate of the university with the right to offer undergraduate courses in philosophy and history. The college offers courses in philosophy and Christian theology. Residence for men only. Principal: P.W. Platt, PhD

St. Stephen's College, Edmonton, Alberta T6G 2M7 Telephone, (403) 439-7311. United Church, coeducational. Established in 1927 through the union of Robertson College (1910) and Alberta College South. Affiliated with the university since 1909. Offers courses for credit towards degrees at the university and confers degrees in theology. Provides courses in continuing education for the ministry. Principal: Rev. G.I. Mundle, BA, MDIV, STM, DMIN

Associated Institutions and Agencies

Provincial Laboratory of Public Health. Director: J.M.S. Dixon, MD, FRCP(C)

Alberta Research Council. President: R.W. Stewart, PhD

University of Alberta Hospitals. President: D.A. Cramp, FACH

Western Board of Music. Administrative Director: S. Main

Athabasca University*

General Information

Address: Athabasca University, Box 10,000, Athabasca, Alberta T0G 2R0
Telephone: (403) 675-6111
Address: Northern Regional Office, Athabasca University, 10324-82 (Whyte) Avenue, Edmonton, Alberta T6E 1Z8
Telephone: (403) 432-1550
Address: Southern Regional Office, Athabasca University, Suite 120, 1040-7 Avenue S.W., Calgary, Alberta T2P 3G9
Telephone: (403) 262-4522
Address: Fort McMurray Centre, Athabasca University, 10010 Franklin Avenue, Fort McMurray, Alberta T9H 2K6

President: T. Morrison, BA, MA, PhD

For a complete list of Athabasca University faculty, see the Athabasca calendar.

Enquiries: Direct general correspondence to the Public Affairs office. For information about academic programs, contact Registrar H. Slegtenhorst, BA

Enrolment (1984-1985):

Full-time undergraduate:	350
Part-time undergraduate:	8,716

Full-time faculty (1985-1986): 44

Total income (1984-1985): $28,425,000

General operating fund income

	('000)	
Government Grants	$ 16,982	59.7%
Fees	2,106	7.4%
Miscellaneous	148	0.5%
Sub Total	$ 19,236	67.6%
Other funds income		
Special purpose and trust	$ 676	2.4%
Plant	8,519	30.0%
Sub Total	$ 9,189	32.4%
TOTAL	$ 28,425	100%

History and Governance

Athabasca University was established in 1970 by an order-in-council of the Alberta government to be an undergraduate, degree-granting university. The first convocation was in 1977, and permanent status as a self-governing university was granted in April 1978.

As an open distance university Athabasca University produces and delivers learning programs for adult Canadians who study in their own communities because they are unable to attend a campus-based university.

Athabasca University operates with a unicameral system of governance. The Governing Council incorporates and carries the full responsibilities of a traditional board of governors (operating policy); general faculties council (academic policy); and the senate (community liaison). The membership comprises thirteen public members, one student representative, one non-academic staff member, and five academic staff members.

Buildings and Grounds

The most northerly university in Canada, Athabasca University's main campus is in the town of Athabasca 145 kilometres north of Edmonton. In 1984, the university moved to Athabasca from Edmonton. In keeping with the open distance education mandate of the university, no students attend classes at this campus. The central campus houses the library, instructional development and delivery services, registry, student services and support services. Throughout the province, regional offices and local centres provide facilities and services to students.

Library

The library has an excellent collection of open and distance education materials. The library provides basic resources for course development and research. Students request materials by phone or mail. Besides monographs and periodicals, the library also has an excellent collection of audio and video cassettes to augment courses.

Programs and Degrees

Three-credit courses represent three lecture hours per week for one semester and six-credit courses are equivalent to either three lecture hours per week for two semesters or six lecture hours per week for one semester.

The university offers undergraduate programs leading to the bachelor of administration degree (BAdmin), bachelor of arts degree (BA), and bachelor of general studies degree (BGS). Bachelor of arts concentrations are available in Canadian Studies, English, French, history, and sociology/anthropology.

To graduate, students must complete course work equivalent to a three-year degree taken through full-time study (90 credits).

Athabasca University students learn in their own communities using specially designed home-study materials. For each course, students are assigned a tutor who they can call toll free from anywhere in Canada. Some courses are supplemented by radio and television programs, audio cassettes, seminars, workshops, labs, and teleconference sessions.

Athabasca University courses require an amount of study time equal to that spent by a student at a university in classroom sessions and additional study.

Courses are offered in the following areas of study:
Applied studies - accounting, administration, communication, finance, legal relations, marketing, organizational behaviour, and public administration
Humanities - English, French, history, and humanities
Sciences - biology, chemistry, computer science, environmental studies, geography, geology, and mathematics
Social sciences - anthropology, economics, geography, philosophy, political science, psychology, social science, and sociology.

A career and educational planning service is provided by the university to assist students make program decisions and select courses.

For information on admission, transfer credit evaluation (evaluation of previous education), career and educational planning, and course selection, consult the calendar, which is available from Student Services and all regional offices.

Admission requirements

The university has an open admissions policy with only two entrance requirements: a student must be 18 years of age or older, and a Canadian resident. Exceptions may be made to allow younger students to enter, but such cases require special consideration by the registrar. The university assists students determine their chances of success through support services such as pre-enrolment orientation and counselling.

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*Ordinary member, AUCC

Costs (1986-1987)

Fees are paid on a per course basis. Canadian students: $260 per six-credit course; $150 per three-credit course. Course fees include a $40 material and handling fee which pays for all texts and materials. Foreign student fees are 50 per cent higher than for Canadian students. Senior citizens pay no tuition fees except the $20 admission fee. A one-time, nonrefundable $20 admission fee must accompany the General Admission form for first-time students.

All fees are subject to change wihtout notice.

Academic Year

The university does not operate on a traditional semester system. Students start their studies at the beginning of any month, subject to the availability of individual courses.

Grading System

Each course carries a weight defined in terms of three or six credits or semester hours. Grades are based on exercises and examinations. The passing grade for all courses is 60 per cent or over. Supplemental examinations are granted only once.

Student Aid

Financial assistance is available under provision through the Alberta Student Finance Board. In addition to provisions for full-time students, bursary assistance is available to part-time students, (students who take less than 18 credits in a nine-month period.)

Student Life and Services

The students are represented in university decision-making through membership on various governance committees including the governing council and the academic council.

Students are encouraged to use the university's support services which include pre-enrolment orientation, academic counselling, and career and educational planning. In addition, students may take advantage of instructional services such as seminar and tutorial sessions, and telephone contacts with peers and instructors. Students can contribute articles to the Athabasca University Magazine and literary magazine Pegasus.

Regional structure

Athabasca University has regional offices located in Edmonton and Calgary. These offices register students, distribute course materials, offer student support programs, and develop orientation programs.

The regional centre in Fort McMurray provides many but not all of the services offered through the regional offices. The university offers many services in co-operation with other post-secondary institutions throughout Alberta, British Columbia, and Saskatchewan.

Bishop's University*

General Information

Address: Lennoxville, Quebec J1M 1Z7
Telephone: (819) 569-9551
Telex: 05836168

Principal: Hugh Scott, MD

For a complete list of university faculty, see the Bishop's University calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, Donna Coté, BA
High school liaison officer: TBA. *Telephone:* 1-800-567-2792

Enrolment (1985-1986):

Full-time undergraduate:	1,195
Part-time undergraduate:	750
Graduate:	24

Full-time faculty (1985-1986): 80

Total income (1984-1985): $13,036,000

General operating fund income	('000)	
Government Grants	$ 6,164	47.3%
Fees	1,453	11.1%
Miscellaneous	1,474	11.3%
Sub Total	$ 9,091	69.7%
Other funds income		
Ancillary enterprises	$ 2,811	21.6%
Special purpose and trust	210	1.6%
Sponsored research	187	1.4%
Miscellaneous	732	5.7%
Sub Total	$ 3,945	30.3%
TOTAL	$13,036	100%

History and Governance

Bishop's University was founded in 1843 as a liberal arts college. It was constituted as a university with the power to grant degrees in 1853. Teaching began in 1845 and the first degrees were awarded in 1854. The university remained under the control of the Church of England until 1947. It is now a co-educational, non-denominational, public institution controlled by a corporation with a 23-member executive committee jurisdiction over business affairs. There is also a 25-member senate.

Bishop's is a predominantly residential university whose primary concern is offering undergraduate education in the arts, sciences, and business administration. Its academic programs are broadly based and stress the interrelationships of disciplines rather than their specializations. The residential aspect and small size of the university encourage an informal atmosphere in academic and social situations. Emphasis is placed on personal contact between faculty and students through small classes, and frequent use of seminars, laboratories and tutorials. Self-directed study is encouraged with student research projects and special independent study programs.

Buildings and Grounds

The university is situated at Lennoxville (population approximately 4,000) in southern Quebec. The campus occupies 500 acres. In addition to academic buildings, a library, chapel, sports and recreation centre, students' centre, bookstore, artificial-ice arena, theatre, and homes for some of the faculty are provided on the campus. Most buildings are equipped with ramps and elevators for the physically disabled.

Library

The John Bassett Memorial Library houses a growing collection of 200,000 books, more than 1,420 current periodicals and many government publications and microforms. The library was opened in 1959. In 1970, an addition was completed which doubled the size of the building. It provides space for the general services of the library and accommodates over 500 readers with comfortable study and lounge areas. Some special facilities are available for disabled students. Extra assistance can be arranged upon request.

Special collections: P.H. Scowen Eastern Township historical collection
Honourable C. Gordon MacKinnon Collection of Canadiana.

Programs and Degrees

All bachelor's degrees (90-credit programs), require three years for pass and honours programs, unless otherwise specified. Master's degrees require at least one year from the honours bachelor's degree or two years from the pass bachelor's degree.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of Arts (BA) Pass and Honours programs available.
Master of Arts (MA)

Business administration

Bachelor of Business Administration (BBA) Pass and Honours programs available.
Bachelor of Arts with major and minor in business administration.

Education

Diploma in education (for teaching in schools), during a postgraduate year after completion of BA or BSc.
Diploma in education (for teaching in colleges), during a postgraduate year after completion of MA or MSc or honours BA or BSc.
Diploma in advanced studies in education. As for MEd degree, but does not require thesis.
Master of education (MEd) Two years from bachelor's degree plus two years teaching experience.

All Education programs, with the exception of the DEd for teaching in schools, may be taken entirely in summer sessions.

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*Ordinary member, AUCC

For further information, contact the Graduate School of Education at the university address.

Science
Bachelor of Science (BSc) Pass and Honours programs available.
Master of Science (MSc)

Theology
Master of Theology (MTh)

Continuing education
A variety of credit programs are offered through the Continuing Education Office. Degree credit courses for part-time students are available during the day (May and June) and evening (July and August) summer sessions, and during the fall and winter evening sessions. Off-campus extension courses are offered in centres around the Eastern Townships and to local industry. Credit courses are conducted in cooperation with several professional associations. Non-credit courses, conferences and workshops are also sponsored.

Immersion: An English immersion program is scheduled during the summer months in addition to a number of intensive English and French second language courses.

The Continuing Education Office may be reached at (819) 569-9551 ext. 222 or the University address.

Admission Requirements

Undergraduate
Quebec: For admission to a 90-credit program, applicants must normally have completed their CEGEP or collegial diploma (DEC). However, students who have completed at least 22 academic courses in the DEC program will be admitted if they agree to complete their college studies within 12 months following registration. Enrolment in the division of business administration is limited. To be admitted to this division, students must normally have an average of 70% or higher.

Other provinces: Applicants must have completed the highest level of studies available at the secondary school level.

Transfer students
Credit for courses taken elsewhere will be given at the discretion of the department concerned.

Mature students
Candidates who are 23 years of age or older are considered for admission on their individual merits.

Senior citizens
Applicants aged 65 or more are normally exempt from tuition fees as well as from regular admission requirements.

Graduate
For admission a student must have obtained a degree with specified grade in appropriate subjects.

Part-time students
Applicants may be admitted to complete the requirements for a degree.

Foreign Students
Applicants will be considered on an individual basis. Visa Students must supply proof of financial responsibility. Those whose native language is not English may be expected to submit TOEFL scores of at least 550.

Application Deadlines

Undergraduates may obtain application forms from the admissions or liaison offices; graduates may obtain applications from the department in which they plan to undertake graduate work. Undergraduate applications for the Fall Semester should be made before March 1. Undergraduates seeking a January entrance should apply before November 1. Summer school applications must be received by the end of March.

Costs (1985-1986)
Tuition: Canadians and landed immigrants in full-time (four courses or more) arts, business and education, $730 per academic year; science, $790 per academic year. Part-time (three courses or less), continuing education and summer, $65 per three-credit course.

Foreign student tuition: $2,900 per semester for full-time students or part-time students. $585 per three-credit course.

Residence: Room and board per academic year $3,140 (single room).

Student Services fees: $130 per year (compulsory).

All fees subject to change without notice.

Academic Year

Semester credit system. Fall session: September to Christmas. Winter session: January to May. Summer session: early May to mid-August.

Grading System

First class: 80% and over; second class: 65-79%; third class: 50-64%; failure: below 50%.

Student Aid

Bishop's offers entrance scholarships which are awarded on the basis of merit and are renewable for the duration of a student's program. (Frank Scott Scholarship - $4,000; Eight Major Scholarships - $2,500; Creative Arts Scholarship - $2,000; Twelve Entrance Scholarships - $1,500). In addition, 16 scholarships, two of $2,000 and fourteen of $1,000 per annum for two years' duration are awarded to students on the basis of their academic standing at the end of their first year. Both the entrance scholarships and the second year scholarships are based on academic achievement, and are therefore without reference to financial need.

Bishop's is involved in student loan and /or assistance programs such as the Canada Student Loan Plan, the Quebec Student Loan Plan and the Ontario Student Assistance Plan.

Student Life and Services

The Students' Representative Council (SRC) consists of an Executive Committee and a General Council.

The Executive Committee consists of the president, vice-president of internal affairs, vice-president academic affairs, and vice-president external affairs, all of whom are elected by the Students' Association. The General Council includes the four student senators, four students at large, as well as representatives from Radio Bishop's Campus, The Quad, the Film Society, the Outside Inn, the Arts and Letters Society, the Marshalls, and other related organizations. The council serves its constituents by establishing student representation on university governing bodies and committees and by maintaining a variety of activities and organizations of interest to students. Bishop's University's Part-time Student's Association represents its members on various university committees and organizes programs for the benefit of all part-time students.

Bishop's has a diversified athletic and recreation program which makes use of facilities on the campus and in the surrounding area. Interuniversity sports include football, soccer, basketball, skiing, golf, tennis, curling, and field hockey. Intramural sports include flag football, tennis, cross-country skiing, golf, volleyball, hockey, basketball, badminton, broomball, squash, floor hockey, and softball. Individual sports including rifle shooting, judo, karate, skiing, curling, and swimming are also available.

A variety of entertainment and cultural events are sponsored; dramatic and music productions and symposia are held in Centennial theatre. Students publish a weekly newspaper and broadcast a weekly radio program. Academic, political science and social service clubs, and a film society are available on campus.

The students' council maintains an exchange program with The University of Alberta. Bishop's is a participant in the World University Service of Canada seminars, Canadian Crossroads international summer programs, and Canadian University Service Overseas.

There are seven residences housing 536 students in both co-educational and single-sex accommodations. Abbott, Munster and Kuehner Halls offer single rooms with adjoining bathrooms, and the Norton, Pollack, MacKinnon and Strathcona residences provide the choice of single or double rooms. In all residences the rooms are furnished, bedding and maid service supplied, and all students eat in Dewhurst Dining Hall. An off-campus housing service is also available.

The university bookstore handles text books and caters to the needs of the university community for auxiliary supplies.

Most university facilities are accessible to handicapped students and special arrangements are made where necessary to satisfy the needs of the handicapped.

The university operates a health service which is available to resident and non-resident students.

A student counselling service provides personal, educational and vocational counselling to all students.

The student placement office provides information about job openings; arranges contacts with representatives of business, industry, government, community services, and universities; and assists students in presentation of credentials. A variety of part-time jobs on the campus are available to students throughout the calendar year.

St. Mark's Chapel on campus is the centre of Christian worship for all members of the university community and is under the ecclesiastical jurisdiction of the Anglican Bishop of Quebec. Services are arranged during term time by a warden who keeps in touch with the clergy and with the religious needs and requests of the students and faculty.

City of Sherbrooke transit buses pass through the university at regular intervals throughout the day. Full parking facilities are also available to students.

Affiliated Institute

Thomas More Institute for Adult Education, 3421 Drummond Street, Montreal, Quebec, H3G 1X7. Telephone (514) 842-5076. Graduates of the Institute are granted the Bachelor of Arts degree by Bishop's University under an affiliation agreement concluded between the two institutions in 1974. The degree program of the Thomas More Institute is designed for mature adults, normally over 23 years of age, and offers such persons a special opportunity to continue their formal education in the liberal arts tradition. President and Director of studies: Miss C. Tansey.

Brandon University*

General Information

Address: Brandon, Manitoba R7A 6A9
Telephone: (204) 728-9520
Telex: 0350272

Interim President and Vice-chancellor: Dr. J.R. Mallea, PhD

For a complete list of the Brandon University faculty, see the Brandon calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, C.W. Kennedy, BA

Enrolment (1985-1986):

Full-time undergraduate:	1,357
Part-time undergraduate:	1,431
Part-time graduate:	4

Full-time faculty (1985-1986): 170

Total income (1984-1985): $24,382,000

General operating fund income

	('000)	
Government Grants	$ 12,185	50.0%
Fees	2,065	8.4%
Miscellaneous	549	2.3%
Sub Total	$ 14,799	60.7%
Other funds income		
Ancillary enterprises	$ 3,144	12.9%
Special purpose and trust	5,743	23.6%
Sponsored research	298	1.2%
Miscellaneous	398	1.6%
TOTAL	$24,382	100%

History and Governance

Brandon University is the outgrowth of Brandon College, which was originally organized in 1899 by the Baptist Union of Western Canada. In 1938 it became non-denominational and was reorganized as Brandon College Incorporated. Teaching at the college began in 1899. From 1899 to 1910 the college was affiliated to the University of Manitoba and from 1911 to 1938 it was affiliated to McMaster University. From 1938 to 1967 the college was again affiliated to the University of Manitoba which granted degrees to students of the college.

The authority for the organization of Brandon University is the Universities Establishment Act of the legislative assembly of the province of Manitoba of 1966 and an order-in-council passed under the act in January 1967 and revised last in 1982. The order-in-council provides for a 17-member board of governors and 32-member senate. The university is a coeducational, non-denominational, government-supported institution.

Buildings and Grounds

The university is situated on an 18-acre site in the city of Brandon (approximate population 38,000). The campus' original buildings now house administrative and faculty offices and a drama centre. New buildings constructed since 1960 include a library and arts building, a 300-seat lecture theatre, a music building, an education building, three residences and dining hall, a physical education building, the Western Manitoba Centennial Auditorium, the J.R. Brodie Science Building and the new Music Building. Special research facilities are housed in the J.R. Brodie Science Building and at the H.S. Perdue Wildlife Research Station at Plum Lake, 45 miles from campus.

Where possible, special arrangements are made to accommodate disabled students.

Libraries

There are three main libraries on campus holding over 170,000 volumes, 1,800 periodicals, 95,000 government document titles. The main library provides general services with emphasis on the arts and science faculties. A collection of books, periodicals, scores and sound recordings is housed in the music library. The Christie Library, with emphasis on the faculty of education, houses a collection of professional books and journals, a curriculum collection and a demonstration school library collection.

Programs and Degrees

Bachelor's degrees require three or four years from senior matriculation for general degree, four years from matriculation for specialist degree unless otherwise specified.

Three credits is normally equivalent to a half-course requiring three lecture hours per week for one term. Six credits usually represents a full-course requiring either three lecture hours per week for two terms or six lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General (three-year and four-year) and specialist programs offered.

Education

Bachelor of education (4-year, BEd). Four years from senior matriculation. Certification possible after fourth year.

Certificate in education. Open to holders of BA, BSC, or other bachelor's degree and to those who have completed a year of professional teacher education. Successful candidates are awarded a certificate by the provincial Department of Education.

Bachelor of education (five-year BEd) A two-year course for students with a first bachelor's degree. The second year is normally completed through continuing education courses on part-time basis.

Music

Bachelor of music (BMus) With specialization in music education, five years from senior matriculation; with specialization in performance, four years from senior matriculation.

Master of music (MMus) 1. Performance and literature and 2. music education.

Science

Bachelor of science (BSc) General (three-year and four-year) and specialist programs offered.

General Studies

Bachelor of General Studies (BGS) This three-year degree program is offered to those who have completed the equivalent of 90 credit hours or any 15 courses taken from the various faculties and schools on campus. In some cases, the student may transfer from other universities or from community colleges. The BGS senate committee reviews the overall program.

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*Ordinary member, AUCC

Special programs
BUILD: Brandon University Indian Leadership Development prepares teachers of the native ancestry to assume principalships in northern Manitoba. Some non-native candidates who are teaching in northern Manitoba are accepted into the program.

PENT: The Project for Educating Native Teachers, is a program five summers in length (four full courses taken each summer) and designed to meet the need for native teachers.

BUNTEP: The Brandon University Northern Teacher Education Project enables residents of northern Manitoba to obtain teacher certification. This is an off-campus program that is offered at several locations north of the 53rd parallel.

Continuing education
*Winter session:*Undergraduate evening and Saturday classes are offered in arts, science and education.

*Summer session:*courses offered in arts, science, music, and education for undergraduates proceeding to a degree and for teachers who wish to improve their professional qualifications.

There are diploma and certificate courses which do not require matriculation as a condition for admission. Certificates in music under the program of the Western Board of Music and the Toronto Conservatory of Music are also available.

Admission Requirements

Undergraduate
Manitoba: Grade 12 graduation or grade 12 (GED) equivalent as recognized by the provincial department of education.

Other provinces: Students must hold certificates equivalent to high school graduation acceptable for admission to university in the home province. The following certificates are usually accepted as equivalent to Manitoba high school graduation. Alberta: grade 12 with an average of 60 per cent on five grade 12 courses including English 30. British Columbia: grade 12 in the Academic Technical program with a standing of C or better. New Brunswick: grade 12 in the regular program (course numbers with 3rd digit two or six) with first class standing. Newfoundland: first year Memorial University. Nova Scotia: grade 12 with first class standing. Ontario: grade 13 with an overall average of at least 60 per cent and six credits. Prince Edward Island: grade 12 high school standing which leads to first year admission at the University of Prince Edward Island. Quebec: year one of the CEGEP program. Saskatchewan: division four standing (21 credits), minimum average of 65 per cent in seven credits including literature 30 and composition 30.

Transfer students
A minimum of 2.0 required on previous university record otherwise admission is reviewed by senate committee.

Mature students
Candidates who have reached 21 years of age by the last day of final examinations for the session to which they apply will be considered. The mature student category is intended for those who do not have the qualifications necessary to gain entrance as regular students.

Senior Citizens
Applicants aged 60 or more are not required to meet usual admission requirements. Although tuition is waived for seniors, a fee of $2.00 is assessed for each registration.

Foreign Students
Students must present certificates equivalent to the standing required for Canadian students. Students, whether or not in Canada at the time of application, whose mother tongue is not English, must demonstrate acceptable evidence of proficiency in the English language.

UK and Commonwealth: GCE with two or three different subjects at A-level or equivalent.

Other: Applicants submitting an international baccalaureate will be considered for admission.

Application Deadlines

Canadian students applying for spring session must submit applications by April 30; for summer session by June 24; for winter session by August 30. Foreign students must submit applications for admission by July 2.

Costs(1985-1986)

Tuition: Full-time (18 credits or more),$893 for a full year in all faculties.

Part-time: $179 per full course (6 credits)

Residence: Single room: $2,916 - $3,262; Shared room: $2,580 - $2,918. Compulsory meal plans included in room costs. Meal plans available for off-campus students.

Student fees: $5.50 per three credit hours; Insurance fee $1; Athletic Fee $1.75 per three credit hours; Building fee $2.50 per three credit hours (assessed to day-time, on-campus regular session students only). Canadian Federation of Students' fee: $4.00 full-time, $2.50 part-time.

Health insurance fee: Visa students are required to pay a health insurance fee of $230 per person or $704 per family.

All fees subject to change without notice.

Academic Year

Winter session: two terms, third week of September to the last week of April. Spring session: seven weeks in May and June. Summer session: seven weeks in July and August.

Grading System

All faculties use a 4-point grade system: A+, A and A—, 4 points; B+, 3.5 points; B and B—, 3 points; C+, 2.5 points; C, 2 points; D, 1 point; F, 0 points. A grade point average of 2 is necessary for graduation in all degree programs except for the BEd (five-year) and BMus which require an average of 2.5.

Student Aid

Awards and financial assistance are based on academic qualifications, need or a combination of the two. Entrance scholarships and bursaries must be applied for by May 1. Assistantships available in Music. All students are considered for assistance. Applications for financial aid should be submitted to the office of Student Services which includes an on-campus office of the Provincial Department of Education, Student Aid Division. Phone Dave Wilkie, 727-9747 for more information.

Student Life and Services

The Brandon University Students' Union Inc. (BUSU) was incorporated in the fall of 1969 by an act of the Manitoba legislature and functions under the law of the Companies Act of the province. The union constitution is set up in the form of corporate by-laws. The World University Service of Canada and the InterVarsity Christian Fellowship are affiliated to BUSU.

The union initiates academic, social and leadership programs for all students attending the university. It is headed by the Student Council and has eight representatives on the university senate and two on the board of governors. All full-time students are members of the students' union which has vested in it all legislative functions of student government to promote the welfare of the student body. Students serve on numerous senate committees and any BUSU student in good standing is eligible to run for election to the university senate.

Athletics for both men and women include football, soccer, basketball, swimming, wrestling, indoor and outdoor track, hockey, baseball, tennis, golf, badminton, gymnastics, and skiing.

The university allows the use of university facilities by students groups of all faiths and cooperates with official agencies of the various faiths. Approximately 60 such organizations are active on campus.

Residence accommodation is available in Cowan Hall for 150 women and in Darrach Hall for 150 men. McMaster Hall, a co-educational residence tower, houses 280 students. An adjoining dining-hall and cafeteria serves 1,000 students. The university housing office provides a register of accommodation available in private homes.

Day-care centre accommodating up to 35 children, average age four years, run independently with subsidies available.

The department of counselling services provides personal counselling for students and refers those requiring academic, medical, psychiatric or spiritual advice to appropriate advisers.

Most Brandon city transit buses pass the university. Full parking facilities are also available to students.

The university's Student Services and the Canada Employment Centre in downtown Brandon both provide advice and assistance to students concerned about vocational choice and career planning. Graduates may meet with prospective employers through a program of on-campus interviews. Assistance is also provided for students seeking part-time or seasonal employment.

A bookstore on campus sells all required texts and related materials.

Brescia College*

General Information

Address: 1285 Western Road, London, Ontario N6G 1H2
Telephone: (519) 432-8353
Telex: 111

Principal: Sister Dolores Kuntz, BA, MA, DipPsych, PhD

For a complete list of the Brescia College faculty, see the Brescia calendar or The University of Western Ontario in the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, Mrs. M.K. Hawkins, BA

High School Liaison Officer: Mrs. C. Vandergriendt, BSc

Enrolment (1985-1986):

Full-time undergraduate:	578
Part-time undergraduate:	61

Full-time faculty (1985-1986): 22

Total income (1985-1986): $3,494,000

General operating fund income

	('000)	
Government Grants	$ 1,738	49.7%
Fees	850	24.3%
Miscellaneous	19	.5%
Sub Total	$ 2,607	74.5%
Other funds income		
Ancillary enterprises	$ 878	25.1%
Special purpose and trust	9	.4%
Sub Total	$ 887	25.5%
TOTAL	$ 3,494	100%

History and Governance

Brescia College was founded by the Ursuline Sisters in 1919; the first class graduated in 1923. Brescia, the only women's university-level college in Canada, is operated under Catholic auspices and is open to students of all religious faiths and nationalities. The BA and BSc (HEc) degrees received by Brescia graduates are conferred by The University of Western Ontario.

The college is governed by The University of Western Ontario senate, on which the college has two voting representatives and a 16-member advisory board.

Buildings and Grounds

The campus adjoins that of The University of Western Ontario in London (population 250,000). The main residence building, opened in 1925 with additions in 1949 and 1972, also accommodates some home economics laboratories. The Mother St. James Memorial Building provides administration offices, classrooms, laboratories, and an auditorium.

Library

One wing of the Mother St. James Memorial Building houses the Bishop Michael Francis Fallon Memorial Library.

Programs and Degrees

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General program, three years from senior matriculation. Honours program, four years from senior matriculation.

Bachelor of arts (administrative office management studies) (BA) Formerly secretarial and administrative studies.

Bachelor of arts (administrative and commercial studies) (BA).

Home economics

Bachelor of science in home economics [BSc(HEc)] Three-year program and four-year honour's program offered jointly by Brescia College and The University of Western Ontario.

Preliminary program

Equivalent of Ontario grade 13. Co-educational.

Admission Requirements

For general and honours programs and for home economics, same as for The University of Western Ontario. Preliminary program: Ontario grade 12 or equivalent; based on percentage, rank-in-class and principal's report.

Costs (1985-1986)

Tuition and incidental fees: Per year, $1,396.35. International Students: Preliminary year - $3,257, Home Economics - $6,972.35, all other undergraduate programs - $4,348.35.

Residence: Room and board for seven days a week during winter session, $3,025.

All fees subject to change without notice.

Academic Year

Winter session: early September to mid-May.

Grading System

Same as for The University of Western Ontario.

Student Aid

A certain number of scholarships and bursaries are available.

Student Life and Services

Student government is divided into the Brescia College Council, which administers student affairs within the college as a whole and sends representatives to The University of Western Ontario student council, and the Brescia residence council, which concerns itself with residence life.

The college offers accommodation for 174 students. Students share in all academic, social, athletic and cultural university activities with students from The University of Western Ontario. Student services provided by the university are also available to Brescia College students.

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*Ordinary member, AUCC Affiliated with The University of Western Ontario.

The University of British Columbia*

General Information

Address: 2075 Wesbrook Mall, Vancouver, British Columbia V6T 1W5
Telephone: (604) 228-2211
Cable: Grey Point
Telex: 0453296

President and Vice Chancellor: D.W. Strangway, MA, PhD, FRAS, FRSC

For a complete list of UBC faculty, see the UBC calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, K.G. Young, BA, BCom

Co-ordinator, school and college liaison office: Mary Stott, BA, MA, MBA

Enrolment (1985-1986):

Full-time undergraduate:	18,211
Part-time undergraduate:	5,233
Full-time graduate:	2,849
Part-time graduate:	1,016

Full-time faculty (1985-1986): 1,830

Total income (1984-1985): $365,264,000

General operating fund income	('000)	
Government grants	$174,023	47.6%
Fees	36,558	10.0%
Miscellaneous	3,614	1.0%
Sub Total	$214,195	58.6%
Other funds income		
Ancillary enterprises	$ 29,193	8.0%
Special purpose and trust	21,288	5.8%
Sponsored research	63,096	17.3%
Plant	37,492	10.3%
Sub Total	$151,069	41.4%
TOTAL	$365,264	100%

History and Governance

The University of British Columbia was established and incorporated by an act of the provincial legislature in 1908. The first degrees were awarded in 1916.

The University of British Columbia is a provincial, nondenominational, coeducational institution. It operates under the authority of the University Act of British Columbia. The university is administered by a 15-member board of governors and an 87-member senate.

Buildings and Grounds

The 1,000-acre campus is located in a surburb of Vancouver (population of Metropolitan Vancouver 1,268,183). There are more than 200 buildings on the site, including libraries, administrative buildings, teaching facilities, residences, affiliated institutions, recreational facilities, cultural centres and museums, and a student union building. Also located on the campus are the provincial research council building and the federal fisheries, forestry and agricultural sciences building.

Libraries

The library holds over 7,150,000 volumes including microforms. It serves the university through a system of branch libraries and a number of departmental reading rooms. Particularly strong holdings are in the fields of Canadiana, English literature of the 19th and early 20th centuries, Chinese literature and history, forestry, fisheries, and Slavonic studies. Several of these collections are of international importance. The collections of serial publications are especially strong. The Crane Library carries Braille, large print and tape recorded materials.

Programs and Degrees

Bachelor's degrees require four years of study from secondary school unless otherwise specified. Master's degrees require at least one year from an approved bachelor's degree unless otherwise specified. Doctorates require at least two years from a master's degree unless otherwise specified.

The basic measure of course credit from most Faculties is known as a ***unit*** and normally consists of one lecture hour a week (or a laboratory period of approximately two or three hours each week) throughout the Winter Session. Most Faculties, whether or not they use "units" to designate course weight, make use of the "maximum mark possible" to indicate the ***weight*** of a course. A three-unit course (three hours of lectures per week throughout the Winter Session) is graded out of a total of 150 marks; this course approximates a six semester-hour or a nine quarter-hour course. (A course of 1;011; units, i.e. three semester-hours, is graded out of 75, etc.)

For detailed information on programs, see **Degrees and Diplomas** chapter.

Agriculture

Bachelor of science in agriculture [BSc(Agr)]
Bachelor of landscape architecture (BLA)
Master of science (MSc)
Master of applied science (MASc)
Doctor of philosophy (PhD)

Architecture

Bachelor of architecture (BArch) Three years from a bachelor's degree in arts, science or engineering.
Master of advanced studies in architecture (MASA)

Arts

Bachelor of arts (BA)
Bachelor of fine arts (BFA)
Master of arts (MA)
Master of fine arts (MFA)
Doctor of philosophy (PhD)

Audiology and speech sciences

Master of science (MSc)
Doctor of philosophy (PhD)

Commerce and business administration

Bachelor of commerce (BCom) Four years following first year of arts or science; Combined law and commerce. BCom degree granted after three years of commerce and two years of law.
Master of business administration (MBA) At least one year from a BCom degree, two years from other degrees. Also a combined LLB/MBA consisting of four winter ses-

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*Ordinary member, AUCC

sions (September through April) and the Spring or Summer session.

Master of science in business administration [MSc(BusAdmin)] As for MBA.

Doctor of philosophy (PhD)

Community and regional planning

Master of arts (MA) or Master of science (MSc) Two years from a bachelor's degree in agriculture, architecture, arts, commerce, engineering, forestry, law, science, or social work.

Doctor of philosophy (PhD)

Dentistry

Combined bachelor of science and doctor of dental medicine (BSc/DMD) BSc granted after first year in the DMD program.

Combined master of science in dental science [MSc(Dental Science)] and diploma in periodontics. A three-year program of post-graduate specialty training in periodontics.

Doctor of dental medicine (DMD) Four years from third year of arts or science.

Education

Bachelor of education) (BEd) (a) Elementary field, four years from secondary school graduation. (b) Secondary field, five years from secondary school graduation. (c) Special education, five-year major. Master of arts (MA in education) One year from bachelor's degree followed by teacher training and teaching experience.

Master of education (MEd) At least one year from BEd or bachelor's degree and teacher training; no thesis required.

Doctor of education (EdD)

Doctor of philosophy (PhD)

Engineering

Bachelor of applied science (BASc)

Master of applied science (MASc)

Master of science (MSc)

Master of engineering (MEng)

Doctor of philosophy (PhD)

Family and Nutrition Sciences

Bachelor of home economics (BHE)

Master of science in human nutrition. (MSc)

Master of arts in family studies. (MA)

Doctor of philosophy in human nutrition (PhD)

Forestry

Bachelor of science in forestry (BSF)

Bachelor of science [BSc (Forestry)]

Master of science (MSc)

Master of forestry (MF)

Master of applied science (MASc)

Doctor of philosophy (PhD)

Law

Bachelor of laws (LLB) Three years from third year of an undergraduate degree program.

Master of laws (LLM)

Library, archival and information studies

Master of library science (MLS)

Master of archival studies (MAS)

Medicine

Bachelor of medical laboratory science (BMLSc)

Doctor of medicine (MD) Four years from the third year of arts or science.

Master of science (MSc) At least one year from an MD or honours BSc degree.

Music

Bachelor of music (BMus)

Master of music (MMus)

Doctor of philosophy in musicology (PhD)

Doctor of musical arts (DMA)

Nursing

Bachelor of science in nursing (BSN)

Master of science in nursing (MSN) Two years from BSN.

Pharmacy

Bachelor of science in pharmacy]BSc(Pharm)] Four years from first-year science.

Master of science in pharmacy (MSc)

Doctor of philosophy (PhD)

Physical education

Bachelor of physical education (BPE)

Master of physical education (MPE)

Rehabilitation medicine

Bachelor of science in Occupational Therapy [BSc(OT)] or Bachelor of Science in Physical Therapy [BSc(PT)]. Three years from first year of arts or science.

Science

Bachelor of science (BSc)

Master of science (MSc)

Doctor of philosophy (PhD)

Social work

Bachelor of social work (BSW) Two years from second-year arts; one year from bachelor's degree.

Master of social work (MSW)

Continuing education

Guided Independent Study (correspondence courses) are offered in a number of fields. Also, there are evening courses, chiefly in undergraduate arts, education, nursing, and science. Summer school offerings include: a) undergraduate courses in arts, education, industrial education, commerce, home economics, physical education, and science; b) graduate courses in arts, commerce, education, and science.

The following diploma and certificate programs are offered: engineering and forestry administration, applied linguistics, art history, education, film television studies, French translation, periodontics and site planning.

Admission Requirements

Undergraduate

British Columbia: Yukon senior secondary school graduation following at least 12 years of formal schooling. Specific courses are required. Prospective applicants should write to the Office of the Registrar and request a copy of the Admissions Guide. No university degree credit granted for any secondary school work. Credits equivalent to two years' university may be given for courses of a recognized postsecondary academic institution after 12 years of formal schooling. Minimum age 16.

Other provinces: Applicants who have followed an academic program leading to University Entrance will be required to present English to the Senior Year level and all prescribed subjects for the university studies sought.

Completion of secondary school graduation is mandatory, and a minimum average of 'C+' or equivalent is required. Whether secondary school graduation represents

12 or 13 years of schooling the minimum study for a university degree is four years. The following requirements apply:

Ontario - Secondary School Honours Graduation Diploma (Grade 13) or Ontario Secondary School Diploma with six Ontario Academic Courses including English. Note: Advance credit will not be granted for secondary school courses.

Quebec - At least one year of an academic diploma program of a CEGEP with an overall average of 75%. Advanced credit for up to one full year of degree study may be granted where the two-year diploma has been awarded.

Alberta, Saskatchewan, Manitoba, New Brunswick, Nova Scotia, P.E.I., Newfoundland, and Northwest Territories - Grade 12 graduation with standing in at least five academic Grade 12 subjects including English.

Note: As enrolment is limited, it may not be possible to admit all applicants who meet minimum admission requirements. Candidates seeking admission to courses leading to a first degree in applied science, commerce, forestry and pharmacy, must have first-year arts or science from a college or university with adequate standing. For admission to a first degree in dentistry, law and medicine, three years beyond secondary school graduation. For admission to a first degree in architecture, archival studies and librarianship, a bachelor's degree.

Senior citizens

Fees may be waived for individuals aged 65 and over, who have met regular admission requirements and are enrolled in a non-restricted program leading to a degree or other academic qualification.

Graduate

An honours bachelor's or a first professional degree.

Foreign Students

Outstanding students who apply from outside Canada are considered for admission to the Winter Session beginning in September. A student enrolled at a secondary or post-secondary school in Canada or the U.S. on a student authorization may not transfer to UBC until he/she has obtained a first degree. Students for whom English is a second language must present TOEFL (Test of English as a Foreign Language) scores of 550 or better and must sit for an English test administered at UBC after acceptance. Official documents or certified/notarized copies of originals for all educational institutions attended are required. As enrolment is limited in most programs, students meeting the minimum admission requirements are not guaranteed admission. There is almost no financial assistance available to students at the undergraduate level.

Students presenting the international baccalaureate must have satisfactory standing (four points or better) in six appropriate subjects, three at the Higher Level and three at the Lower, with the diploma awarded on 27 or more points.

UK and Commonwealth: In general, GCE or the equivalent with standing in five subjects of which two must be at the A level. A grade of "C" is required in all subjects. Subjects should include English, mathematics and another language and prerequisites appropriate to the intended program of study. Because of differing education systems, some Commonwealth countries may be subject to different admission requirements.

USA: High School graduation with a g.p.a. of at least 3.0 and rank in the top fifth of the graduation class. Subjects should include math and English and subjects appropriate to student's intended program of study.

France: Baccalauréat de l'enseignement du second degré or the 'old' Baccalauréat, parts 1 and 2. Grade of 'Assez bien' or better. Belgium: Diplôme d'aptitude à accéder à l'enseignement supérieur or matriculation on examination from an approved university.

South and Central America: Academic secondary school leaving certificate which admits to an approved university in the home country. Subjects must be appropriate to the student's intended program of study.

West Indies: Same as UK. Cambridge overseas school certificate alternative to GCE.

Hong Kong: Educational level for admission to University to Hong Kong in subjects required for admission to UBC, or equivalent through GCE. Individual subject grades required.

Other: Applicants submitting the international baccalaureate standing in at least six appropriate subjects, three at the Higher and three at the Subsidiary levels. The diploma must be awarded on 27 or more points. Generally a certificate of matriculation with acceptable subject prerequisites and academic standing is acceptable for admission.

For further information, please contact the Registrar's office.

Application Deadlines

Winter Session - June 30
Winter Session (for applicants outside Canada) - April 30
Spring Session - April 1 (BC applicants April 15)
Summer Session - April 15 (BC applicants May 15)

Application deadlines may vary from faculty to faculty. Students are advised to consult with the faculty of interest.

Costs (1986-1987)

Tuition: Full-time first degree fees range from $1,320 to $1,716 per winter session. There are additional student-levied fees.

Master's, first year $1,700; second year $1,300; each subsequent year $520 plus student-levied fees.

Doctorate, first year $1,700; second year $1,352; third year $1,300; each subsequent year $520.

Part-time undergraduate $88 per unit; part-time graduate $225 per unit.

Summer session, undergraduate $95 per unit; graduate $225 per unit.

Foreign students (except those registered in the Faculty of Graduate Studies) are assessed fees in the amount of 2.5 times the corresponding fee for Canadian Citizens and Permanent Residents (i.e. landed immigrants).

Residence: Room and board (single) $2,998.35, (double) $2,744.25 per person; room only (single) $1,778.70 (shared suite) $1,899.70 per person. Single rooms located in Fairview Crescent range from $1,196 to $2,420 depending on room size.

Student fees: Undergraduate $39.50; graduate $95.50.

Miscellaneous: Fee of $25 from all applications presenting educational documents issued outside B.C. except for faculty of graduate studies.

All fees subject to change without notice.

Academic Year

Winter session: early September to end of April. Summer session: early July to mid-August. Spring session: early May to late July.

Grading Systems

Academic standing in each subject is graded as follows: Class 1, 80-100%; Class 2, 65-79%; Pass, 50-64%; Fail, below 50% (below 60% in medicine, dentistry, graduate studies, library and archival studies, nursing and rehabilitation medicine)

Student Aid

For information on bursaries, loans and scholarships, contact the university's Office of Awards and Financial Aid.

Student Life and Services

The Alma Mater Society controls all student activities and is responsible for student discipline. The society publishes The Ubyssey, the student newspaper and an introductory handbook about student affairs called Inside. The AMS has over 150 active clubs on campus ranging from the skydiving club to the Chinese literature study group. The society is governed by an elected five-man student council. The day-to-day affairs of the society are administered by the student administrative commission which is appointed by the Students' Council. The Student Union Building (SUB) houses the Alma Mater Society and student facilities including a large ballroom, club areas, recreation areas (bowling alley, pub, lounge), commercial areas, cultural areas (art gallery, auditorium, and reading lounge) and a large cafeteria.

All graduate students are members of the graduate student association. The executive of the association consists of ten members, three of whom are representatives on the Alma Mater Society Students' Council.

There are 17 student representatives on the university senate and two student representatives on the board of governors. All delegates have a one-year term of office.

All students are eligible to participate in extensive recreational, intramural and extramural sports programs. Student representatives are predominant on each of the men's and women's athletic committees and the intramural board which administer the various programs.

Residence accommodation is available for single students on both a room-only and a room-and-board basis during the winter and summer sessions. A limited amount of family accommodation is available on a yearly basis in both unfurnished suites and townhouses.

An off-campus housing office is located in the Ponderosa building to help students find accommodation in the Vancouver area. International House can assist foreign students looking for housing.

Theological colleges provide a limited number of beds in the following residences: Carey Hall (Baptist - men only); St. Andrew's Hall (Presbyterian - men only); and Vancouver-School of Theology (United Anglican - women, men and families). Fraternities offer limited accommodation.

The student health service is available to registered UBC students who are taking three or more units. Services provided include care of illness or injury, preventive medicine, counselling, and antigen and immunization administration. When necessary, hospitalization will be arranged either on or off campus, depending on the type of facility required.

It is advisable for all BC students to have coverage under the medical services plan of BC. Students from other Canadian provinces should maintain coverage under their home province plan. Non-Canadians are required to produce evidence of adequate sickness and hospital insurance before registration is considered complete.

The Student Counselling and Resources Centre offers educational, vocational and personal counselling to registered students and to students planning to enrol. The office is open during the summer months; students planning to enter the university should arrange for interviews during June, July, and August. On matters dealing with course requirements and prerequisites for study programs, students should consult advisers in the faculty in which they are registered or plan to register.

The Student Counselling and Resources Centre assists new students in their adjustment to the demands of university life. A variety of methods are employed in orientation. All new students receive an invitation to take part in a small group orientation program held during July and August. There is also a large group meeting during the registration week where the various campus services describe their functions and new students meet with the faculty deans and advisers.

A program of voluntary aptitude testing, to assist in the determination of educational and vocational goals, is available to all students who are either attending the university or planning to attend.

Fraternities and sororities are recognized by the senate of the university as student organizations. Sororities are governed by the women's Panhellenic Association. Membership in fraternities and sororities is by invitation.

Campus organizations serving students from abroad are International House, World University Service of Canada and Friendly Relations with Overseas Students.

A Canada Employment Centre coordinates and administers a placement program for graduate and undergraduate students. Assistance is provided in obtaining permanent, summer and part-time employment.

Students with physical disabilities who are admitted to the university should contact the Student Counselling and Resources Centre regarding special services.

The bookstore supplies all textbooks, and materials required by students. Hours are 8:30 AM to 5:00 PM, Monday, Tuesday, Thursday, Friday; 9:30 a.m. - 5:00 p.m. Wednesday.

Several independent, non-profit, parent-run child care centres exist on campus. Space is limited. Information can be obtained from: Childcare Coordinator, The University of British Columbia, Hut 90, 2855 Acadia Road, Vancouver, B.C. V6T 1S1

Members of the university wishing to park motor vehicles on campus during the daytime are required to register them and to obtain appropriate parking permits.

Research Institutes

Arctic and Alpine Research. Directory: J. Stager, PhD

Centre for Advanced Technology in Microelectronics. Director: L. Young, MA, PhD, ScD

Centre for Human Settlements. Director: H.P. Oberlander, BArch, MCP, PhD

Centre for Metallurgical Process Engineering. Director: Keith Brimacombe, BASc, PhD, PEng, DIC

Centre for Molecular Genetics. Acting Director: P.A. Baird, BSc, MD, CM, FRCP(C), FCCMG

Centre for Studies in 19th Century Music. Director: H. Robert Cohen, MA, PhD

Centre international de recherche sur la presse musicale

(CIRPM). Director: H. Robert Cohen, MA, PhD

Coal Research Centre. Acting Director: A.P. Watkinson, MASc, PHD

Centre for Transportation Studies. Director: T.D. Heaver

Institute of Animal Resource Ecology. Director: J.D. McPhail, MSc, PhD

Institute of Applied Mathematics. Director: C.W. Clark, BA, PhD

Institute of Asian Research. Director: T.G. McGee, MA, PhD

Institute of International Relations. Director: M.W. Zacher, MA, PhD

Resource Management Sciences Committee. Director: L.M. Lavkulich, MSc, PhD

Soil Dynamics Research Group. Director: W.D.L. Finn, MSc, PhD

Sports medicine and Fitness Institute. Co-directors: J. Taunton MD; D. Clement, MD

Westwater Research Centre. Director: A.R. Thompson, LLB, LLM, JSD

Affiliated Institutions

Carey Hall, 5920 Iona, Vancouver, British Columbia V6T 1J6 Telephone, (604) 224-4308. Baptist residence for men. Principal: Rev, Philip Collins, BTh, BD, MDiv

Regent College, 2130 Wesbrooke Mall, Vancouver, British Columbia V6T 1W6 Telephone, (604) 224-3245. Trans-denominational. Offers courses for lay men and women. Principal: C.E. Armerding, BD, MA, PhD

St. Andrew's Hall, 6040 Iona, Vancouver, British Columbia V6T 1J6 Telephone, (604) 224-7720. Presbyterian residence for men. Dean of residence: Rev. B.J. Fraser, MA, MDiv, PhD

St. Mark's College, 5935 Iona, Vancouver, British Columbia V6T 1J7 Telephone, (604) 224-5935. Roman Catholic residence for men. Principal: Rev. Paul C. Burns, csb, BA, STB, MA, BLitt, PhD

The Vancouver School of Theology, 6000 Iona, Vancouver, British Columbia V6T 1L4 Telephone, (604) 228-9031. Provides theological education for lay men and women, future clergy and graduates in theology. Principal: Rev. Arthur Van Seters, BA, BD, ThM, PhD

Brock University*

General Information

Address: Merrittville Highway, St. Catharines, Ontario
L2S 3A1
Telephone: (416) 688-5550
Telex: 061-5133

President: A.J. Earp, MA, MLitt, LLD

For a complete list of Brock University faculty, see the Brock calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, R. McGraw, BA

High school liaison officer: D.S. Rickers, BPhEd, BEd

Enrolment (1985-1986):

Full-time undergraduate:	4,375
Part-time undergraduate:	3,102
Full-time graduate:	61
Part-time graduate:	518

Full-time faculty (1985-1986): 270

Total income (1985-1986): $37,584,000

General operating fund income

	('000)	
Government grants	$ 23,899	63.5%
Fees	8,625	23.0%
Miscellaneous	325	0.9%
Sub Total	$ 32,849	87.4%
Other funds income		
Ancillary enterprises	$ 3,325	8.8%
Special purpose and trust	210	0.6%
Sponsored research	1,200	3.2%
Sub Total	$ 4,735	12.6%
TOTAL	$ 37,584	100%

History and Governance

The act establishing Brock University was passed by the Ontario legislature in 1964 and was subsequently revised in 1971. The power to grant degrees was accorded at the time the act was passed and the institution exercises that power. Brock University is a provincial university, co-educational and non-denominational whose main source of income is public. The university is controlled by a 30-member board of trustees and a 29-member senate.

Buildings and Grounds

Brock is located in the south end of St. Catharines, on the edge of the Niagara escarpment. The 525-acre campus encompasses some of the most inviting woods and countryside in the peninsula. It is within easy commuting distance of all regional centres, and has the added advantage of being reasonably close to Toronto, Hamilton and Buffalo.

The University's modern teaching facilities and service buildings include the Schmon tower which houses administrative and academic offices as well as the library; Thistle complex of lecture halls and seminar rooms; the classrooms, labs and offices of the Mackenzie Chown complex; the physical education centre; the campus centre (better known as the pub); the college of education; residence; and the theatre facilities of the Brock centre for the arts. The college of education building contains a gymnasium and theatre facilities. The physical education centre houses an eight-lane, 50-metre swimming pool as well as two gymnasia, combatives room, fencing-dancing studio, weight and training rooms, five squash courts and one handball court.

The University has built ramps and has provided library and other equipment at a suitable height to accommodate students in wheelchairs.

Libraries

The University library is housed on five floors of the Schmon tower; collections 700,000 items; individual study accommodation available for 650 readers. Documents collection contains official publications of all levels of government and international organizations; fine arts collection; Niagara regional collection. Listening room contains over 6,000 recordings of music, plays, documentaries and lectures. Private study room and specialized equipment (including reading machines, braillers, talking calculator, tape recorders, magnifying glasses and elevating wheelchair) available for use of disabled. Instructional resource centre located in college of education geared to special needs of college students but available to all students. Map library contains over 40,000 map sheets including complete set of federal topographic maps of Canada, over 400 atlases and 14,000 aerial photographs including coverage of Niagara region dating back 60 years; available to the community.

Programs and Degrees

Pass bachelor's degrees normally require three years (15 credits) and honours bachelor's degrees require four years (20 credits) from senior matriculation. Master of arts and science degrees normally require a minimum of one year after honours bachelor's degree. Master of education degrees normally require five terms of full-time study or, on average, seven terms of part-time study.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Administration/Business

Bachelor of Administration (BAdmin) Honours.
Bachelor of Business Economics (BBE) Pass.

Arts

Certificate in urban and environmental studies: six approved courses with overall average of 70%.
Certificate in public administration offered by department of politics: seven approved courses are required.
Bachelor of arts (BA) Pass and honours.
Master of arts (MA) Minimum one year in length.

Education

Bachelor of education (BEd) One year from acceptable BA leading to additional Ministry of Education (Ontario) qualifications.
Concurrent Bachelor of arts/Bachelor of education in child studies (BA/BEd): a four-year degree which prepares students for teacher certification.

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*Ordinary member, AUCC

Master of education (MEd): refer to paragraph 1 'programs and degrees'.
In-service program for teachers seeking additional qualifications.

Physical education/Recreation and Leisure Studies
Bachelor of physical education (BPhysEd) Pass and honours.
Bachelor of Recreation and Leisure Studies (BRLS) Pass and honours.

Science
Bachelor of science (BSc) Pass and honours.
Master of science (MSc) Minimum one year in length, normally two years.

Special programs
Interdisciplinary programs: have been established in Asian studies, Canadian studies, Canadian/European community studies, communication studies, environmental science, liberal studies and in urban and environmental studies.

Co-operative programs: Third year students enrolled in environmental science and in urban and environmental studies may have the opportunity to participate in a program which combines university study with study-related employment.

First year students may have the opportunity to enrol in the CA co-op program; limited enrolment; School of Administrative Studies.

International exchanges: Students in second year or later studying German have the opportunity to spend a year of study in Germany at the University of Freiburg.

Continuing education
Undergraduate courses in administrative studies, arts and science, education, recreation and leisure studies and physical education are offered in winter evening, spring evening and summer day sessions for undergraduates proceeding to a degree; in-service courses for teachers seeking additional qualifications are offered during summer day and winter evening. Master of education courses are offered in winter evening and summer day.

Admission Requirements

Undergraduate

Ontario: Ontario Secondary School Honours Graduation Diploma with a minimum 70% average for computer science and information processing, 75% for concurrent child studies/BEd program and 65% for other programs. All applications must be submitted to the Ontario Universities Application Centre in Guelph in accordance with the dates published by the centre.

Other provinces: The following certificates, which must give actual grades or marks obtained in each subject, are normally accepted as equivalent to Ontario year five. Alberta, British Columbia, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island and Saskatchewan: grade 12 senior matriculation. Newfoundland: 1st year Memorial University. Quebec: grade 12 or its equivalent (i.e. completion of 1st year CEGEP, general program with high standing).

Mature students

Applicants who are not eligible for regular admission, have been out of school for at least two years and are 21 years of age may be admitted as mature students; normally required to pass two courses with C average prior to full-time entry.

Senior students

Senior citizens, 60 and over are permitted to enrol in courses on a regular or audit basis without payment of the regular tuition fee.

Graduate students

For information on master of arts and science programs, contact the department concerned. Direct enquiries regarding the master of education program to the registrar's office.

Foreign Students

Applicants should write to the Office of the Registrar for entrance requirements. Five per cent of full-time Year 1 admissions are reserved for foreign students. All applicants whose mother tongue is not English must submit TOEFL scores; a minimum of 550 is acceptable; these applicants will be required to write Brock's English as a second language test as a condition of registration and may be required to take reduced course load; English as a Second Language courses are offered.

Brock recognizes the International Baccalaureate.

Admission requirements for students from the U.K. and Commonwealth are a minimum of two A-levels and three O-levels from distinct areas; from the USA - high grade 12 with SAT of V-600, M-550 or a total of 1150. Students from other countries are treated individually; normally 65% average required in secondary school graduation.

Application Deadlines

Undergraduate: fall/winter terms August 11, 1986
graduate: master of education - summer, March 27; fall, July 25; winter, November 28, 1986.
Master of arts and science, flexible.

Costs (1985-1986)

Tuition: Undergraduate fee per course, $255. New visa student undergraduate fee per course, $846.

Incidental fees: (health fee, athletic fee) maximum $15.

Residence: 1985/1986 rates for room and board ranged from $2,766 to $3,055 depending on type of accommodation and meal plan.

Graduate tuition: costs vary; inquire assistant registrar, admissions and graduates studies.

Academic Year

Winter session: early September to late April. Spring evening session: late April to early July. Summer day session: early July to mid-August.

Grading System

A (first class honours), 80% and over; B (second class honours), 70-79%; C (satisfactory), 60-69%; D (pass), 50-59%; F, below 50%. Lowest passing grade, 50%. C average required for graduation.

Student Aid

The university awards entrance scholarships for academic excellence and all students applying for admission are considered; a number of in-course scholarships are awarded on basis of academic achievement and no application is required. Departmental prizes awarded for excellence in particular areas of study. Bursaries granted on basis of academic performance and financial need (usually awarded late in academic year to students with satisfactory standing who could not complete year without financial assistance). All students eligible to apply to Canada student loans plan and to Ontario student assistance program; applications available from secondary schools and Brock awards office, ext. 3253.

Student Life and Services

All students are members of Brock University Students' Union (BUSU). Each Spring union members elect president to preside over BUSU and students' administrative council (BUSAC) comprised of student representatives from each department of the university. BUSU sponsors orientation week, the General Brock store, Press (student newspaper), Radio Brock, book exchange, collage films and more than forty special interest clubs. Students have access to ombudsperson. BUSU manages the on-campus pub.

Students participate in University policy-making by electing four representatives to sit on senate and three to sit on board of trustees. A bank and bookstore are located on campus.

Athletic facilities

Recreational, instructional, intramural and intercollegiate activities revolve around the physical education centre. Intercollegiate programs: women's teams compete with other universities in basketball, fencing, rowing, track and field, volleyball, cross country running, tennis and swimming; men's teams compete in basketball, cross country running, curling, fencing, hockey, rowing, rugby, skiing, squash, soccer, tennis, track and field, volleyball, swimming and wrestling. Recreation: squash and handball courts, clubs for fencing, field hockey, frisbee, gymnastics, judo, karate, parachute jumping and scuba diving; new clubs organized according to demand; instruction offered in cross country skiing, dance, downhill skiing, fitness, raquetball, squash, trampoline, tennis and yoga as well as through recreational clubs program.

Residences

DeCew, 10 'linked' houses accommodate 418 men and women; Queenston, adjacent to General Hospital in downtown St. Catharines, accommodates 235 students; Leonard, on St. Paul St. in the downtown core, accommodates 48 students - regular bus service available plus special shuttle for Queenston and Leonard residents only; Shaver, situated across the road from main campus and considered as part of DeCew residence, houses 31 students. A housing office is available to assist students with non-residence accommodation.

Day care

Rosalind Blauer Centre for Child Care, open to children of community as well as for children of students, faculty and staff; regional subsidy available to eligible parents; located in college of education building.

International services

Foreign student adviser offers assistance regarding immigration, health, banking, accommodation, etc., provides liaison with instructors, administration and community. Host family program creates opportunity for students to meet with Canadian families.

Counselling Centre

The counselling centre provides a variety of psychological and educational services to help students take full advantage of university experiences: personal development, learning skills and career planning. Programs in study skills, effective reading, writing, seminar skills and anxiety management offered throughout the year. Resource room contains tapes, books and pamphlets. Director: David Jordan, ext. 3240.

Medical services

Physician in attendance two hours each day; nurse in attendance 8 am to 3 pm Monday to Friday, September to May. All students must have OHIP coverage.

Handicapped students

The University has built ramps and has provided library and other equipment at a suitable height to accommodate students in wheelchairs. Special equipment, eg., brailler (talking book machine) is available for blind students. For assistance, contact Mrs. J. Auer, co-ordinator of library services to the disabled, ext. 3233.

Ombudsman

An ombudsman is elected by the student body each year.

Employment office

Student placement office helps students including following: permanent employment, on-campus recruiting program for graduate and graduating students; listing of career opportunities with companies not recruiting on campus; federal and provincial government recruitment information; career night; on-campus briefings and seminars; summer employment; on-campus recruitment program for undergraduate students; listing of summer job opportunities; government sponsored summer exchange programs; part-time employment; listing of part-time job opportunities for undergraduate students; job registration, completing applications, preparation for interview, résumé writing; creative job search techniques; employment counselling, career information library, information on career planning.

Research Institutes and Centres

Brock Centre for the Arts presents an annual fine arts and series featuring both Canadian and international performers in dance, theatre and music. Local professional and amateur theatre companies and orchestras also perform in its two theatres throughout the year. Each theatre has a capacity of 520.

The University of Calgary*

General Information

Address: 2500 University Drive, North West, Calgary, Alberta T2N 1N4
Telephone: (403) 220-5110
Telex: 038-21545

President and Vice-chancellor: N.E. Wagner, BA, MDiv, MA, PhD, LLD

For a complete list of the University of Calgary faculty, see the Calgary calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, G.J. Krivy, BEd, MEd, PhD

Admission enquiries: A.J. Alisauskas, BA, MA, Director of Admissions.

Enrolment (1985-1986):

Full-time undergraduate:	14,102
Part-time undergraduate:	4,352
Full-time graduate:	1,310
Part-time graduate:	793

Full-time faculty (1985-1986): 1,274

Total income (1984-1985): $217,455,000

General operating fund income	('000)	
Government grants	$120,363	44.3%
Fees	19,968	7.4%
Miscellaneous	2,423	0.9%
Sub Total	$142,754	52.6%
Other funds income		
Ancillary enterprises	$ 16,467	6.1%
Special purpose and trust	11,090	4.1%
Sponsored research	40,842	15.0%
Plant	60,302	22.2%
Sub Total	$128,701	47.4%
TOTAL	$217,455	100%

History and Governance

The University of Calgary had its origin in 1945 when the former Normal School became a branch of the faculty of education of the University of Alberta in Edmonton. It moved to its present campus in 1960. In 1964, the University of Alberta at Calgary gained autonomy in academic matters and in that same year, a faculty of graduate studies was established. The University gained full autonomy in 1966. Present authority to grant degrees is that given by the Universities Act of the Province of Alberta, 1966.

The University of Calgary is a non-denominational, coeducational, provincial university. It is governed by a 19-member board of governors, a 97-member general faculties council (equivalent to the academic senate in most universities) and a 62-member senate which acts as a bridge between the university and the community and which is designed to serve as the public conscience of the university.

Buildings and Grounds

The 200 hectare campus is located in Calgary, a city with a population of 625,143. It has grown from two buildings in 1960 to 30 today. City Transit provides frequent service to the heart of the campus and provision is made for parking bicycles, motorcycles and over 4,800 cars. The Health Sciences Centre is situated adjacent to the Foothills Hospital about one and one half km south-west of the campus. The Kananaskis Centre for Environmental Research is located 60 km west of the city on the forestry reserve. Other teaching research facilities are situated near Priddis and near Calgary.

In 1988 the University of Calgary will play a central role in the Calgary Olympic Winter Games. The University will provide housing for some 2,000 team officials, athletes, and their support personnel and will be the site of the speedskating competitions to be held in the Speedskating Oval. After the Games, the Oval will be used to meet the training and competition needs of athletes in speedskating, ice hockey, figure skating, cross-country skiing, and biathlon in winter; soccer, rugby, football, field hockey, track and field, badminton, basketball, volleyball, and archery in summer.

Library

The University Library system, including the Medical Library in the Health Sciences Centre, the Gallagher Geology Library in the Earth Sciences Building, and the Law Library in the Biological Sciences Building, contains over 1.46 million volumes of books, journals, documents, and other print materials and 1.5 million microforms, as well as over 1.1 million items in collections of architectural plans, maps, air photos and audiovisual materials. About 13,800 serials are on current subscription. The Library system is fully accessible to the disabled. It contains a magnifying reader and audio tapes of a limited selection of textbooks with access to specialized materials through inter-library loan services. A disabled services contact person is available to assist individuals in making any special arrangements for library instruction and research. The university's interest in Canadian Studies is reflected in the fine Canadian historical, literary, and architectural archives located in Special Collections (e.g., Canadian poetry and Fiction Collection, Canadian Prairies and Arctic Collection) and in the Canadian Architectural Archives.

Programs and Degrees

Bachelor's degrees require four years of study from secondary school unless otherwise specified. Master's degrees require at least one year from the honours bachelor's degree and doctorates at least two years full-time from a master's degree unless otherwise specified.

Three units normally represent three lecture hours per week for one term. Six units are usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra units may occasionally be awarded for labs or particularly demanding courses.

Diploma programs generally require the equivalent of one year of full-time study unless otherwise specified.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA)
Master of arts (MA) One year's residence required plus thesis.

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* Ordinary member, AUCC

Doctor of philosophy (PhD) Two years' residence required plus thesis.

Commerce
Bachelor of commerce (BCom). Limited enrolment.
Master of business administration (MBA) No full-time study necessary. Requirements must be completed within six years of initial registration, by course of instruction, research report with oral presentation and defence.

Communications studies
Master of communications studies (MCS) No full-time study or residence requirement. Students normally expected to complete 2 courses per year and to complete program maximum 6 years; by course of instruction, project, written and oral exam.

Economics
Master of economics (MEc) No full-time study or residence requirement. Students normally expected to complete 2 courses per year, and to complete program in 3 years; by course of instruction, research project and oral exam.

Education
Bachelor of education (BEd) Four years from senior matriculation or two years from approved degree in arts or science. Also joint BEd/BA, BEd/BSc degrees in five years. Limited enrolment.
Diploma in education (DipEd) One year from approved degree and a professional or permanent professional teaching certificate.
Master of arts (MA) One year's residence required plus thesis.
Master of education (MEd) At least 12 months from bachelor's degree, by course of instruction and oral examination. No thesis.
Master of science (MSc) One year's residence required plus thesis.
Doctor of philosophy (PhD) Two year's residence required plus thesis.

Engineering
Bachelor of science in engineering (BSc) Limited enrolment.
Diploma in engineering (DipEn) Four full courses after approved degree or equivalent.
Master of science (MSc) At least one year full-time from appropriate bachelor's degree in engineering plus thesis.
Master of engineering (MEng) Minimum one year from four-year bachelor's degree in engineering and two years' practical professional experience. No residence requirement.
Doctor of philosophy (PhD) Two year's residence required plus thesis.

Environmental design
Master of environmental design (MEDes) in architecture, environmental science, industrial design or urban and regional planning. Minimum of three sessions (fall and winter and one other fall session) full-time from appropriate first degree.

Fine arts
Bachelor of fine arts (BFA)
Bachelor of arts (BA)
Diploma in fine arts (DipFA) Nine half courses (27 units) from approved degree in music or equivalent. Taken in three summer sessions.
Master of fine arts (MFA) Minimum two consecutive terms (fall and winter sessions) full-time from appropriate first degree. A final exhibition with supporting documents forms a part of the degree requirements.
Master of arts (MA) One year's residence required plus thesis.

Law
Bachelor of laws (LLB) Three years full-time after minimum two years of university beyond Canadian equivalent senior matriculation. Enrolment is limited.

Medicine
Doctor of medicine (MD) Three years full-time, after three full years of university beyond Canadian equivalent senior matriculation, and two years of postgraduate training. Enrolment is limited.
Master of science (MSc) One year's residence plus thesis.
Doctor of philosophy (PhD) Two years' residence required plus thesis.

Music
Bachelor of music (BMus)
Master of music (MMus) Minimum two consecutive terms (fall and winter sessions) full-time from appropriate first degree. Depending on area of specialization, a compositional project plus analytical essay or a thesis required.
Master of arts (MA) One year's residence plus thesis.

Nursing
Bachelor of nursing (BN) Limited enrolment.
Bachelor of nursing (BN) for registered nurses. Two-year program for registered nurses who possess senior matriculation. Limited enrolment.
Master of nursing (MN) Minimum 6 full courses for registered nurses from appropriate first degree; by course of instruction, oral and written exam.

Physical education
Bachelor of physical education (BPE) Three years from senior matriculation. Honours program, four years from senior matriculation. Limited enrolment.

Science
Bachelor of science (BSc) In addition to regular programs of study, and by special arrangement with other institutions, students may be permitted to take the following programs at The University of Calgary; the first year only of courses leading to degrees in agriculture, food science, forestry, home economics, and optometry. Students wishing to enter dentistry or veterinary medicine at other universities may also complete the pre-professional requirements by special arrangement.
Master of science (MSc) One year's residence required plus thesis.
Doctor of philosophy (PhD) Two years' residence required plus thesis.

Social work
Bachelor of social work (BSW). Limited enrolment.
Master of social work (MSW) At least two sequential terms (fall and winter sessions) full-time from appropriate first degree. No thesis. Applicants must present undergraduate degree with second-class standing or better with emphasis on social and behavioral sciences.

Special programs
Rothney Astrophysical Observatory (in the foothills, southwest of Calgary); resources and the environment; marine science program (in combination with four other universities); native students services program; effective

writing centre; Inter-University Centre of Post-Graduate Studies, Dubrovnik, Yugoslavia. Interdisciplinary courses are offered in the fall/winter sessions.

Co-operative programs: In the faculty of science, a five year Applied Chemistry Co-operative program is offered, which includes at least 16 months of supervised work experience in one or more industrial or governmental laboratories as an integral component. In conjunction with the faculties of general studies and science, the faculty of education offers joint five year BEd/BA and BEd/BSc degree programs.

Professional certification: The faculty of continuing education offers courses leading to certificates in Management Development. Many of these courses meet the requirements of the Institute of Canadian Bankers; the Real Estate Institute of Canada; the Association of Professional Engineers, Geologists and Geophysicists of Alberta; and other professional bodies. Courses leading to membership in the following professional bodies are conducted at The University of Calgary under the administration of the faculty: The Society of Management Accountants of Alberta, The Certified General Accountants Association of Alberta, and the Appraisal Institute of Canada.

Bilingual programs: The faculty of continuing education offers a wide variety of French courses through the French Centre. Language learning opportunities are also available in German, Italian, Japanese, Mandarin, Spanish and Russian. The faculty sponsors several other special programs: the Japanese Student Summer Program, the Summer English Language Bursary Program and the English as a Second Language Program.

Continuing Education

Late afternoon and evening programs include undergraduate and some graduate level classes offered during the spring/fall/winter sessions in education, engineering, fine arts, humanities, management, nursing, physical education, science, social sciences and social welfare. The faculty of continuing education organizes off-campus classes for native students on reserves, social welfare and in-service teacher training for professionals by teleconferencing, and other credit programs through such organizations as the Big Country Educational Consortium.

Spring session: six weeks in May and June.

Summer session: six weeks in July and August for undergraduates, graduates and teachers wishing to improve their qualifications. Courses in education, fine arts, humanities, management, nursing, physical education, science, social sciences and social welfare.

Approximately 25,000 adults participate each year in the faculty of continuing education non-credit program. University-level seminars, workshops, conferences, and evening courses are conducted year-round for personal, professional, and career development.

Admission Requirements

Undergraduate

Alberta: Alberta high school diploma with a minimum average of 60 per cent and no subject below 50 per cent for the specified matriculation (grade 12) courses (if the fifth subject presented is an option, a mark of 65 per cent is required in this subject with a minimum average of 60 per cent on the remaining four subjects). Residents of Alberta who are 65 years of age or older at the time of commencement of study and their spouses (provided they also reside in Alberta) are not required to pay any fees to take undergraduate and non-credit courses.

Other provinces: Students from outside Alberta require standards equivalent to those for Alberta students. British Columbia: grade 13 (high school graduation prior to 1967) or grade 12 (graduation in 1967 or later). Saskatchewan: division IV with 65 per cent average (70 per cent for nursing). Manitoba, Newfoundland and Nova Scotia: grade 12. Prince Edward Island: first year university (high school graduation before 1972) or grade 12 (graduation in 1972 or after). Ontario: grade 13. Quebec: first year CEGEP program in prescribed subjects with an average of at least 70 per cent (75 per cent for nursing); applicants who have completed two-year programs may be considered for advanced standing. New Brunswick: grade 13 or first year university (graduation prior to 1972); grade 12 (graduation in 1972 or later).

Graduate

Applicants for admission must hold an appropriate first degree or equivalent from a recognized institution with a minimum grade-point average of 3.0 (based on a four-point grading system) in the last two years of academic work.

Nonmatriculated students

Alberta residents who are 21 years of age or over and do not meet normal requirements for admission may be excused from presenting senior matriculation. Applicants must be interviewed by a designated representative of the faculty to which they are seeking admission and must successfully complete matriculation-level English or equivalent (and depending on faculty, one or more appropriate subjects).

Foreign students

The following certificates are generally accepted as equivalent to Alberta grade 12 senior matriculation. Students meeting admission requirements to the universities within their own country notwithstanding, must meet the same requirements for admission, present the same number of courses, and present equivalent high school subjects and grades at the appropriate level as Alberta matriculants. A minimum of five prescribed subjects is required. Students who have not been a resident of Canada or other English-speaking countries for five consecutive years prior to admission to The University of Calgary must write and obtain a score of 600 or above on the Test of English as a Foreign language (TOEFL) examination.

United Kingdom: General Certificate of Education Advanced and Ordinary Level Certificates. Five distinct and appropriate subjects are required including a minimum of two at the Advanced (or Principal) level. Grades of D and E at the Ordinary level and 7, 8 and 9 on School Certificates are not acceptable.

Africa: East African School Certificate (Grades 1-6) and Higher School Certificate; West African School Certificate (Grades 1-6) and Higher School Certificate. See United Kingdom.

Caribbean Commonwealth: See United Kingdom. Grades of one and two on the General Proficiency examinations administered by the Caribbean Examination Council are acceptable in lieu of GCE Ordinary level passes.

Hong Kong: Hong Kong Certificate of Education (Grades of A, B or C) and Hong Kong Advanced Level Examination or University of Hong Kong Advanced Level Examination. See United Kingdom.

India: Higher Secondary School Certificate (obtained after twelve years of primary and secondary education) or Pre-Professional; Pre-Engineering; First Year Arts, Science and Commerce; or Intermediate Certificate.

Malaysia: Malaysian Certificate of Education (Grades 1-6) and Higher School Certificate. See United Kingdom.

Philippines: Two years of university in appropriate subjects.

Singapore: Singapore-Cambridge General Certificate of Education (Grades 1-6) and Higher School Certificate. See United Kingdom.

USA: A full academic high school program plus acceptable scores on the College Board Verbal and Mathematical Scholastic Aptitude Tests (SAT) and three appropriate Achievement Tests (ACH).

International Baccalaureate: Six distinct and appropriate subjects - three higher level and three subsidiary level with grades of four or above.

Other: Applicants who completed their education in a country not listed above will be considered for admission on the basis of their academic merits.

Note: Applicants to the faculty of law require two years of university study toward a degree . Visa students considering admission to the law program are advised to contact the faculty of law. For entrance to the faculty of medicine, a student is normally required to present three years of study in an acceptable undergraduate degree program. Since the number of positions in the faculty of medicine available is limited, and since, as a provincial university, The University of Calgary has a primary obligation to Canadian citizens residing in Alberta, applications from foreign nationals residing outside Canada are discouraged.

Application Deadlines

Spring session: April 1. Summer session: May 1 (applications to education, management, nursing, and social welfare are not accepted for the spring and summer sessions). Fall session (September): contact faculty office for graduate studies and medicine deadlines dates; February 1 for law; March 1 for environmental design; March 15 for social welfare; April 1 for nursing post-basic; May 1 for education, engineering, management, nursing (generic), and physical education; June 1 for other faculties. Winter session (January): May 1 for engineering; June 1 for fine arts; November 1 for education; December 1 for other faculties (applications to environmental design, law, management, nursing, and social welfare are not accepted for the winter session).

Costs (1985-1986)

Full-time students: registered in three or more half courses per session; Part-time students: registered in less than three half courses per session.

Tuition for fall/winter sessions: Full-time bachelor's degree fees range from $832 to $1042 (engineering) and $1664 (medicine). Master and doctoral degrees: $1041. Visa students are required to pay an additional surcharge of 50% of tuition fees. Part-time $218 per full course, $109 per half course; engineering and graduate students, $268 per full course, $134 per half course; medicine, $320 per full course.

Residence: Double room $975; single room $1,706; food program, choice of $1,000, $1,400, or $1,800 for an eight-month period, September to April. Married student housing: One bedroom $390; two bedrooms $412; three bedrooms $438 per month.

Compulsory general fees for fall/winter sessions: Full-time undergraduate $93 which includes use of athletic facilities; part-time undergraduate $20; medicine, $56; full-time graduate, $77.50; part-time graduate, $45.50.

Application fee: $20 application fee required from all new undergraduate applicants.

All fees are subject to change without notice.

Academic Year

Fall session: September to December. Winter session: January to April. Spring session: mid-May to end of June. Summer session: beginning of July to mid-August. The academic year is 12 months in duration, July 1 to June 30. The fall and winter sessions are each 13 weeks in duration and the spring and summer sessions are each six weeks in duration.

Grading Systems

Graduate and undergraduate grading systems are as follows: A, 4.0, Excellent; A—, 3.7; B+, 3.3; B, 3.0, Good; B—, 2.7; C+, 2.3; C, 2.0, Satisfactory; C—, 1.7; D+, 1.3; D, 1.0, Minimal pass; F, 0, Fail. The Faculty of Law also uses a Completed requirements/D/ Fail grading system for certain courses. The faculties of Environmental Design and Medicine (MD program) use a Completed requirements/ Remedial work required/ Fail grading system. Undergraduate faculties require a minimum grade point average of 2.0 for graduation purposes; some faculties require a higher grade point average.

Student Aid

Financial assistance is offered through student loan programs administered by both the Federal and Provincial Governments. Application forms and further information are available from the Student Awards and Financial Aid Office, room 121, Library Block. Inquiries regarding scholarships and bursaries at the matriculation and undergraduate levels should also be made to the Student Awards and Financial Aid Office. Graduate awards are administered by the faculty of graduate studies. For detailed information refer to the University of Calgary calendar.

Student Life and Services

The students' union has been in place since 1945. Some of its responsibilities include: developing students' union academic policy; assisting students with academic appeals; dealing with the off-campus interests of students; funding of student campus clubs and societies; planning student activities such as films, concerts, forums, cabarets, guest speakers, and special events; and coordinating student representation to university committees and the provincial government. All registered undergraduate students are members of the students' union by virtue of paying student fees.

MacEwan Hall (students' union building) houses a kiosk, travel agency, optical store, hairstylist, parking office, snack bar, dining room, games area including bowling and billiards, a variety of lounges, ballroom, offices for student government, a box office, deli-café, word processing centre, day care centre, chaplains' offices, graphic design, printing and typesetting service, offices for the student newspaper, and a radio station.

The graduate student association promotes and serves the intellectual, cultural and social interests of graduate students and officially represents graduate students whenever necessary. Membership in the association includes all graduate students, their spouses and honorary members. All registered graduate students must pay an annual fee for the operation of the graduate student centre. This fee is optional to part-time students.

The Student Services staff provide services to enrolled and prospective students in the following ways: prospective student advising, orientation programs for new students, mature student advising; study/work and travel abroad information. Advisors are available on an appointment basis. Telephone: (403) 220-5453. In addition, there is an International Student Advisor who is available to discuss a variety of concerns including: immigration/visa problems, academic problems, financial/budget problems, social problems and housing problems. Providing sufficient notice is given, arrangements can often be made to have new students met upon arrival by a host family or another student. Telephone: (403) 220-5888. The Coordinator of Disabled Student Services is available to meet with prospective and enrolled students to discuss a variety of concerns related to mobility, academic accessibility, admission requirements, etc. The Coordinator may also make a variety of technical aides available such as: Versabrailler, Talking Computer, Braille Printer, Large Print Printer, Kurzweil Reading Machine, Visualtek, tape recorders, etc. A telephone capable of receiving calls from the deaf is also in place. Telephone: (403) 220-6918.

The residence complex is made up of five buildings. Rundle and Kananaskis Halls are traditional residences with accommodation for approximately 700 single full-time undergraduate students. A small percentage of single graduate students can also be accommodated. Most rooms are shared occupancy. Meals are served in the dining cent Brewster and Castle Halls, in furnished, self-contained bachelor, one bedroom (double occupancy), two bedroom, and four bedroom apartments. Priority is generally given to upper level undergraduate and graduate students. Residents in these buildings have an option of room only or room and board contracts. A limited number of self-contained living units designed for disabled students are available on the main floor levels. Two hundred and fifty town house apartments, the majority consisting of two bedrooms, living-dining room, kitchen and basement, are available to student families. There are also a few one and three-bedroom units.

The Off-Campus Housing Registry, managed by the Students' Union, offers detailed information on off-campus apartments and board and room arrangements.

Medical services for students are provided on a 24-hour basis during the fall and winter sessions. Daily Health Clinics are available at all times. Services are maintained by an annual appropriation from university funds together with benefits claimed for medical services from the Alberta Health Care Insurance Commission or any other insurance carried by the student. The service is available to student dependents and staff members for emergency purposes.

Professionally trained counsellors and psychologists provide individual, vocational, educational and personal counselling. Psychological assessment, testing and occupational-educational information are available. A variety of group programs are offered which include reading/study skills, exam skills, relaxing training, considering marriage, communicating assertively, time management, living with stress and career development. The University Counselling Services is accredited by the International Association of Counselling Services Inc.

The university is a full-time member of the Canada West University Athletic Association (one of the conferences in the Canadian Interuniversity Athletic Union). Canadian championships are sponsored by the C.I.A.U. each year in various sports including basketball, football, hockey, cross country, gymnastics, swimming and diving, wrestling, soccer, track and field, and volleyball for men; in basketball, gymnastics, swimming and diving, track and field, volleyball, and field hockey for women. The following programs are available to all members of the university community: open recreation involving use of the physical education complex consisting of gymnasia, swimming pool, racquetball, squash and tennis courts, and combatives and weight training areas; intramurals; sport clubs; adult sports instruction; children and youth programs; aquatics programs; and a wilderness resource centre.

The Nickle Arts Museum offers a full program of exhibitions and related events covering most aspects of the visual arts nationally and internationally. Its collections include a prominent group of over 12,000 coins of the ancient world and some 800 works of modern and contemporary art. The University Theatre was designed primarily for academic purposes; however, it provides excellent facilities for drama, music, films, and exhibitions. The Reeve Theatre is an experimental theatre laboratory, a unique concept stressing function and combining the requirements of performance with a responsibility for experimental instruction in the dramatic

The University Day Care Centre provides daily care and supervision for 65 children, aged two months to six years. The centre is an independent university institute. Subsidies are available through the provincial government.

The Canada Employment Centre operates a student placement service on campus and assists students in obtaining permanent, part-time and summer employment.

Research Institutes

Alberta Sulphur Research. Director: J.B. Hyne, BSc, PhD, FCIC

Arctic Institute of North America. Executive director: P. Schledermann, BA, MA, PhD

Calgary Institute for the Humanities. Director: H.G.C. Coward, PhD

Calgary Society for Students with Learning Difficulties. Director: M.T. Samuels, BA, PhD

Canadian Energy Research Institute. Executive director: G.E. Angevine, BCom, MA, PhD

Canadian Institute of Resources Law. Executive director: C.D. Hunt, BA, LLB, LLM

Canadian Music Centre. Regional director: C. Richman, BA, BEd

Coal Mining Research Company. President: P.M.T. White, BSc, MSc (Eng)

Computer Modelling Group. Manager: A. Au, BSc, MSc, PhD

Institute for Transportation Studies. Chairman: E.E. Johnston, BA, MA, PhD

Kananaskis Centre for Environmental Research. Director: D. Parkinson, BSc, PhD

Petroleum Recovery Institute. Executive director: C. Ayasse, BSc, PhD

Shastri-Indo-Canadian Institute. Executive director: K. de la Ronde.

Vocational and Rehabilitation Research Institute. Executive director: R. Kuropatwa, BA, BSW, MSW

Affiliated Colleges

Medicine Hat College, 299 College Drive, Medicine Hat, Alberta T1A 3Y6 Telephone, (403) 529-3811. Coeducational, non-denominational. Established in 1965 and provides two years of instruction after senior matriculation. President: C.J. Meagher, BSP

Mount Royal College, 4825 Richard Road South West, Calgary, Alberta T3E 6K6 Telephone, (403) 240-6111. Coeducational, non-denominational. Original college established in 1911. Affiliated to The University of Alberta as a junior college in 1931. Became a public college in 1966. Offers one year of instruction after senior matriculation. President: D.N. Baker, BA, MA, PhD

Campion College*

General Information

Address: c/o University of Regina, Saskatchewan S4S 0A2
Telephone: (306) 586-4242
Telex: 111

President: Joseph Schner, sj, BA, MA, MDiv, PhD

For a complete list of Campion College faculty, see the Campion calendar or the University of Regina in the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Dean, Donald Flynn (acting), sj, BA, MA, STM, MA

Enrolment (1985-1986):

Full-time undergraduate:	540
Part-time undergraduate:	100

Full-time faculty (1985-1986): 19

Total income (1985-1986): $2,007,526

General operating fund income	('000)	
Government grants	$ 1,224	61.0%
Fees	612	30.5%
Miscellaneous	42	2.1%
Sub Total	$ 1,878	93.6%
Other funds income		
Ancillary enterprises	$ 80	3.9%
Special purpose and trust	40	1.9%
Sponsored research	9	.5%
Sub Total	$ 129	6.4%
TOTAL	$ 2,007	100%

History and Governance

The college was incorporated by an act of the legislature of Saskatchewan in 1917. Classes began in 1918. In 1924 the institution was granted the status of a junior college in affiliation with the University of Saskatchewan. The classes which it taught for the BA degree were recognized in succession by the University of Manitoba, then the University of Ottawa, and finally the Université de Montréal. The university classes ceased during the war. In 1947 the college renewed its affiliation with the University of Saskatchewan. In 1966 it became a federated college of the university and in 1974 it became a federated college of the new University of Regina.

Within the federation Campion College is a co-educational Catholic Church-related institution under the direction of the Jesuits. It is however, open to students of all religious denominations. The college offers, in cooperation with the faculties of arts and science of the university, all programs leading to the BA, BFA, BMusEd and BSc degrees conferred by the University of Regina. It is supported by provincial government grants, tuition fees and contributed services of the religious members of its staff. Its professors are members of the staff of both college and university; they belong to the faculties of arts and science and to the university council; their classes are open to any qualified university students, so far as space permits.

The college is governed by the corporation, consisting of the Jesuit Fathers stationed at the college, and a Board of Regents, composed of the Corporation Council and representatives of the College and the Saskatchewan community. Academic matters are controlled by the university senate on which the college is represented by the president.

Buildings and Grounds

The college building, located on the University of Regina campus, houses the library, student lounge, chapel, auditorium, classrooms, staff and student offices, and a cafeteria. The building has an elevator and all facilities are readily accessible to physically handicapped students.

Library

The library holds approximately 50,000 volumes and has strong collections in the fields of Theology and Religious Studies, Philosophy, English Literature and Canadian History. Other areas of interest include Medieval History, Psychology, Film Studies and French Canadian studies. There is also an extensive collection of Jesuitica materials which reflects aspects of Jesuit life and history, particularly as it pertains to North America.

Programs and Degrees

Ordinary bachelor's degrees require three years (96 credits) from senior matriculation. Honours bachelor's degrees require four years (128 credits) from senior matriculation.

A four-credit hour course at Campion College normally represents four lecture hours per week for one semester.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) Three years from senior matriculation, honours four years.
Bachelor of arts in journalism and communications.
Certificate in visual arts. Two years specified classes from senior matriculation.

Fine Arts

Bachelor of fine arts (BFA) Four years from senior matriculation.

Music

Bachelor of arts (BA) Three years from senior matriculation.
Bachelor of music (BMus) Four years from senior matriculation.
Bachelor of music education (BMusEd) Four years from senior matriculation.

Religious studies

Campion College participates in a newly developed program of religious studies at the university. Students wishing to teach Christian ethics in schools may obtain a minor in religious education using classes in religious studies taught at Campion, Luther College, or the university.

Science

Bachelor of arts (BA) ordinary program, three years from senior matriculation. Honours program, four years from senior matriculation.
Bachelor of Science (BSc) Ordinary and Honours courses. Four years from senior matriculation.

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*Ordinary member, AUCC. Federated with the University of Regina.

Certificate in Computer Science. Two years from senior matriculation.
Bachelor of laboratory technology (BLT) Three years from senior matriculation. Students wishing employment in a hospital laboratory must complete a twelve-month apprenticeship and write examinations set by Canadian Association of Laboratory Technologists.
Certificate in laboratory technology (LT(Cert)) Two years from senior matriculation. Students wishing employment in a hospital laboratory must complete a twelve-month apprenticeship and write examinations set by Canadian Association of Laboratory Technologists.

Combined programs

Combined program in arts, arts and science and administration, dentistry, education, engineering, law, medicine, music may allow student to obtain BA or BSc and professional degree in less time than if the two were taken separately.

Special programs

Interdisciplinary programs in French-Canadian studies, Canadian Plains studies and religious studies leading to BA or BSc.

Bilingual program: three-year program leading to BA. Based on regular degree program and differing only in language of instruction. To qualify under bilingual program, student must complete at least 40 per cent and not more than 60 per cent of classes in French and must register in at least two classes offered in French by a department other than the French department.

Cooperative programs: enable students to combine full-time opportunities with full semesters of study in biochemistry, chemistry, computer science, laboratory technology and physics.

Continuing Education

Evening, intersession and summer classes in conjunction with the University of Regina.
Adult education programs in theology and allied fields are offered.

Admission Requirements

Same as for the University of Regina. See separate chapter.

Application Deadlines

Students applying from out of Canada
for the Fall semester - 15 June
for the Winter semester - 15 October
Students applying from in Canada for the
Fall semester - Out of province students - 31 July
- Saskatchewan students - 15 August
Winter semester - Out of Province and Saskatchewan students - 15 December
Spring and Summer sessions - See appropriate Calendar.

Costs (1985-1986)

Undergraduate fees: Full-time (registered in 12 semester hours or over) $35.25 per semester hour.
Part-time (registered in less than 12 semester hours) $35.25 per semester hour.
Application Fees: Same as for the University of Regina.
Residence: Same as for the University of Regina.
Student fees: $38.25 per year (compulsory).
All fees subject to change without notice.

Academic Year

Fall term: September to December. Winter term: January to April. Spring session: early May to mid-June. Summer session: early July to mid-August.

Grading system

Same as for the University of Regina

Student Aid

Students are eligible to receive all scholarships, bursaries, prizes and loans available to arts and science students of the University of Regina, and other awards from private donors or from governmental sources. The college has 25 entrance scholarships of its own ranging from $100 to $750, as well as 14 upper level scholarships. All students who can demonstrate financial need are expected to apply for assistance under the Canada Student Loans Plan and the Saskatchewan government bursary program. For further information, students should contact the student assistance section, Saskatchewan Department of Continuing Education, Humford House, 1855 Victoria Avenue, Regina, Saskatchewan.

Student Life and Services

The college offers students chapel, counselling, and food services. All services offered at the University of Regina are available to Campion students.

Campion students belong to both the Campion College Students' Association and to the University of Regina Student Union.

University College of Cape Breton*

General Information

Address: P.O. Box 5300, Sydney, Nova Scotia B1P 6L2
Telephone: (902) 539-5300
Telex: 111

President: W. Reid, PhD

For a complete list of University College of Cape Breton faculty, see the Cape Breton calendar.

Enquiries: Direct general correspondence to the Registrar, Deanne Dennison, BA

High School Admissions Officer: Michael Reppa, BA
Admissions Officer: James Addicott, MSc

Enrolment (1985-1986):	
Full-time undergraduate:	1,288
Part-time undergraduate:	730
Technology:	589

Full-time faculty (1985-1986): 154

Total income (1984-1985): $13,202,000

General operating fund income	('000)	
Government grants	$ 9,806	74.2%
Fees	2,723	20.6%
Miscellaneous	158	1.1%
Sub Total	$ 12,687	95.9%
Other funds income		
Special purpose and trust	$ 135	1.0%
Sponsored research	380	3.1%
Sub Total	$ 515	4.1%
TOTAL	$ 13,202	100%

History and Governance

The College of Cape Breton was established by an act of legislature in 1974 as an institution linking the traditions of technology and university with a mandate to develop new approaches to postsecondary education. At that time, the Sydney Campus of St. Francis Xavier University, founded in 1951, and the Nova Scotia Eastern Institute of Technology, founded in 1968, were amalgamated. The Nova Scotia government and St. Francis Xavier University transferred the governance and control of these institutions to a new board of governors. In 1982, the college became the University College of Cape Breton when the act of legislature which had established the college was amended, giving the college the authority to grant degrees.

The University College is a co-educational institution offering both technological diplomas and university degrees and diplomas. The institution is controlled by an autonomous 36-member board of governors and a 32-member council. The latter is concerned with the academic and educational affairs of the University College.

Buildings and Grounds

The university is located on a 120-acre site approximately five miles from Sydney. In addition to academic buildings, the campus houses an information and communications centre, a theatre, an art gallery, a cafeteria, and a field house for athletics.

Libraries

The library facilities are contained in the Information and Communications Centre. The library holdings total 180,000 books, bound periodicals, and provincial and federal government documents and 1,000 current periodicals.

Resources centres associated with the library include The Electronic Learning Centre, the Education Resource Centre, the Bras d'Or Resource Centre, and the archives and library of the Beaton Institute (5,000 volumes, 15,000 records and 1,500 oral history tapes, the Khattar collection of rare books and the fine arts collection).

Programs and Degrees

Bachelor's degrees require four years (20 credits) beyond senior matriculation unless otherwise specified. Technology diploma programs require two years (20 months) beyond stated admission requirements. Co-op Education technology programs require 32 months.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA), A 3 or 4-year program beyond senior matriculation. The 4-year program offers major degrees in 7 areas: English, History, Philosophy, Political Science, Psychology, Sociology, Theology. The entire program is available through full-time or part-time study. The program includes a core curriculum.

Bachelor of arts in community studies (BACS) Three-year full-time program consisting of 15 full-credit courses or equivalent.

Bachelor of secretarial arts (BSectA) Four years beyond junior matriculation of which two may be completed at the University College of Cape Breton.

Business administration

Bachelor of business administration (BBA) Four years beyond senior matriculation. Entire program is available through either full-time or part-time study.

Engineering

Diploma in engineering. Under the terms of agreement with the Technical University of Nova Scotia, the university college is an associated university for engineering. The first two years of the program are offered at UCCB, after which students transfer to TUNS for the final three years leading to the degree in engineering.

Science

Bachelor of science (BSc) Students may complete up to the sophomore year on a full-time basis and follow major, honours, or general program.

Bachelor of science in physical education (BScPhysEd) Four years beyond senior matriculation, one year of which may be taken at the university college.

Technology diploma programs

Diploma (DipTech) Offered in business administration with common first year. Second-year options include accounting, data processing, management, marketing. The diploma programs in Data Processing and Marketing are co-op.

Other integrated two-year diploma programs are available in the areas of hospitality administration, secretarial science and para-legal.

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*Ordinary member, AUCC

Engineering technology programs are offered in chemical, civil/construction, electrical/electronic, environmental, mechanical and mineral technology. The diploma programs in Chemical and Environmental are co-op.

Apprenticeship trades training programs

Two types of apprenticeship training programs are available. Students with no trades experience may apply to The Apprenticeship Division, Department of Labour, Provincial Building, Sydney, Nova Scotia B1P 5K9 or to The Apprenticeship Division, Department of Labour, P.O. Box 697, Halifax, Nova Scotia B3J 2T8. Students accepted into the program have a minimum 16-week training period in theory and practical skills. On successful completion of their studies students may seek employment in their chosen trade. To complete the apprenticeship program students must attend a specified number of block release classes (five weeks per year).

Those already employed in a designated trade may apply to the Department of Labour to become registered apprentices. If after ninety days probationary period they are found acceptable to the trade they will be registered. Following this, students will be required to attend a five-week block release class each year for the remainder of their apprenticeship training.

The apprenticeship program is currently moving toward a uniform four-year duration. Graduates of the training program may receive the Canadian Interprovincial Standards Certificate.

Continuing education

Academic courses toward the BA degree are available to teachers as well as education courses toward higher provincial teaching license.

Continuing Education offers approximately 70 courses of varying lengths which provide non-degree opportunities for self development, liberal education and occupational updating. These include Scottish culture, foreign languages and general interest courses.

A five-year program leading to a diploma in religious education is also offered.

Summer session: There is a summer program designed specifically for the needs of professional groups, teachers, and university students proceeding towards a degree. The university college also provides short-term workshops and seminars for local educators.

Professional certification: Courses are also offered to enable managers, bankers, and government officials to complete the requirements for the BBA degree. Business courses (offered in affiliation with the Canadian Institute of Management (CIM), Society of Management Accountants (SMA), Institute of Canadian Bankers (ICB), Certified General Accountant (CGA) Canadian Credit Union Institute (CCUI), Real Estate and Properties Management, Atlantic Provinces Association of Chartered Accountants (APACA), Insurance Institute of Canada (FIIC), and the Trust Companies Institute of Canada) include accounting, marketing, management, taxation, finance, industrial relations, organizational behavior, law, mathematics and computer science.

In addition, students may register in part-time studies and complete either the BA or BBA.

Admission Requirements

Undergraduate

Nova Scotia: The three and four-year arts program requires grade 12, five university preparatory subjects including English, a 60 per cent average and no grade below 50 per cent, plus grade XII mathematics.

The four-year science programs require grade 12, five university preparatory subjects including English, a 60 per cent average and no grade below 50 per cent. Students who have achieved well above average in grade 11 (75 per cent or over) will be considered for admission to science programs. Note: Science programs require specific university preparatory subjects for admission.

The bachelor of business administration program is a four-year program following grade 12. Grade 12 mathematics and English are required.

For the three and four-year arts program the below levels are required. Ontario: grade 13. Quebec: CEGEP, year one. Manitoba, Saskatchewan, North West Territories: grade 12. Newfoundland: one year beyond grade 11. British Columbia and Yukon: one year beyond grade 12.

Bachelor of business administration. Prince Edward Island, New Brunswick, Manitoba, Saskatchewan, Alberta and North West Territories: grade 12. Ontario: grade 13. Quebec: CEGEP, year one. British Columbia, Newfoundland, and Yukon: one year beyond grade 12.

The four-year science program requires the following academic standings. New Brunswick and Prince Edward Island: grade 12, five university preparatory subjects including English, 60 per cent average and no mark below 50 per cent. Ontario: grade 13. Quebec: CEGEP, year one. Manitoba, Saskatchewan, Alberta and North West Territories: grade 12. Newfoundland: students who have completed grade 11 will be considered for admission. British Columbia and Yukon: one year beyond grade 12. Note: Science programs have specific subject requirements.

Technology

Nova Scotia: The subject requirements for the business technologies programs are: grade 11 mathematics (grade 12 level is preferred) and English, and three other courses at grade 11 level.

For admission to engineering technologies, candidates must have the following: grade 12 mathematics, grade 11 English and three other subjects at the grade 11 level. Grade 11 chemistry is compulsory for chemical, mineral and environmental engineering. Physics and chemistry at grade 12 level are preferred. Successful completion of Nova Scotia grade 12 university preparatory program or the equivalent is recommended.

Other provinces: Applicants seeking admission to business technology require the following certificates and/or academic standings. Prince Edward Island, New Brunswick, Ontario, British Columbia, Yukon and North West Territories: grade 12. Manitoba, Newfoundland, Saskatchewan, Alberta and Quebec: grade 11.

For admission to engineering technologies, the following certificates and/or academic standings are necessary. Ontario: grade 13. Quebec: CEGEP, year one. Manitoba, Saskatchewan, Alberta and North West Territories: grade 12. British Columbia and Yukon: one year beyond grade 12. Newfoundland: one year beyond grade 11.

Apprenticeship training

Nova Scotia: The only trade area currently available requiring grade nine or equivalent is motor vehicle body repairer. Those requiring grade 10 or equivalent include heavy duty equipment mechanic, motor vehicle repair bus and transport, industrial mechanic, machinist, motor vehicle mechanic, steamfitter and pipefitter. Grade 11 or equivalent is required for industrial electrician, construction electrician, and industrial instrument mechanic. The welding program has a designated in-plant entrance requirement.

Other provinces: Admission to the apprenticeship program is restricted to Nova Scotia residents.

Mature students

Applicants who have been away from studies a number of years (usually three) and are 21 years of age, may be admitted to both university and technology programs if they are judged suitable.

Senior citizens

Fees and regular admission requirements are waived for applicants aged 65 or more, or a pre-retired candidate who is 60 years of age or more.

Foreign students

Students whose mother tongue is not English must submit TOEFL or equivalent test results. Minimum score 550.

USA: High school graduates who have completed 16 academic subjects will be considered for admission to a four-year degree program. The following subjects are required. BA, Secretarial Arts programs: four English and 12 other subjects; Business Administration: four English, three mathematics and nine other academic subjects. Science, and engineering diploma: four English, three mathematics, four science and four other academic subjects. Physical education: four English, four science and eight other academic subjects.

Others: Applicants who have completed six subjects including English and mathematics at 0-level, or its equivalent, with passes at the grade four level or higher may be considered for admission to four-year program and applicants who have successfully completed A-level subjects with satisfactory grades may be considered for admission to a three-year program. Applicants submitting the international baccalaureate will be considered for admission.

Applications and deadlines

Applications and supporting documents from foreign students must be submitted by June 30. There is no application deadline for Canadian students.

Costs (1985-1986)

Tuition: (University) Full-time per annum, $1,503; fees per annum per complete six-credit course, $316. (Technology): $937.

Full-time - registered in 60% of the normal load - usually three full courses or 18 credit hours.

Part-time - registered in courses carrying from three to 15 credit hours.

Confirmation fee: $50 (non-refundable for technology students).

Student fees: (university) $65 mandatory for all full-time students and voluntary (prorated) for part-time students; technology, $65.

Board and room: Approximately $60 per week.

Visa students: New students, $1,700, Returning students $1,435 per annum (includes tuition fees and foreign student differential fee).

All fees subject to change without notice.

Academic Year

University programs. Winter session: mid-September to mid-May. Technology programs. Session begins early September and ends latter part of June. Spring session: May to June. Summer school: early July to mid-August. Technology programs that follow the co-op mode have 2, 4-month academic terms, the remaining 24 months alternate work-placement and academic 4-month terms.

Grading System

In all university programs: pass mark, 50% with average of 55%; major average, 65%; honours, 70%. Term average of 55% required for promotion. Technology programs: 85-100%, excellent; 70-85%, very good; 55-69%, acceptable; 50-54%, conditional pass; 0-49% failure. Term average of 55% with no mark below 50% required for promotion.

Student Aid

Entrance scholarships and bursaries are provided for all programs. Scholarships are awarded in varying amounts, and some are renewable.

Student Life and Services

The student union officers are elected annually by the students and administer funds collected for student activities. Students are represented on all major governing bodies of the university college.

The university participates in a wide range of Nova Scotia College Conference and Canadian College Athletic Association varsity sports: hockey, basketball, soccer and badminton in both men and women. Intramural programs include a rifle club, archery, volleyball, swimming, flag football, softball, basketball, and hockey. The University College of Cape Breton drama group is active in local and national productions, and faculty, students and the community at large are invited to participate. Concerts, art shows and special lectures are provided by clubs on campus as well as through the university college's concert and lecture series. Other activities include a camera club, a radio club, a student bulletin, a winter carnival, a yearbook, a film society, student newspaper, a debating society and an Honors society.

The UCCB has no residence facilities but operates a housing bureau to assist students seeking accommodation.

Medical and surgical expenses incurred by any Canadian student are covered by the medicare plan of the student's home province. Liability insurance covers any student on or off-campus who participates in a supervised UCCB activity as well as travels to and from the campus. Medical services are provided on campus by a medical practitioner.

Academic and career counselling is provided through the offices of the registrar, deans, and faculty as appropriate. The Reading/Writing Centre provides testing services; personal counselling is provided by staff members and the chaplaincy office. In addition, private and professional counselling services are provided.

The registrar's office and coordinators of technology jointly arrange interviews for students with prospective employers. The Canada Employment and Immigration Commission has an office on campus, and the provincial Department of Labour offers its services throughout the academic year. Employment is available on campus for students who wish to serve as campus police, peer tutors, or research assistants.

The campus is fully accessible to handicapped students.

Regular bus service is available to students.

Research Institutes

Beaton Institute of Cape Breton Studies. Director: R. Morgan, BA, PhD

Bras d'Or Institute. Director: D. Arseneau, BSc, MSc, DSc

Centre for International Studies. Director; B. Tennyson, PhD

Family Life Institute. Co-directors: K. MacNeil, PhD; V. Kachafanas, MA

Tompkins Institute for Human Values and Technology. Director: M. Leroy, PhD

Carleton University*

General Information

Address: Ottawa, Ontario K1S 5B6
Telephone: (613) 231-4321
Telex: 053-4232
Cable: Carleton University, Ottawa, Ontario

President and Vice-chancellor: W.E. Beckel, BA, MSc, PhD

Assistant director, high school liaison: Keith Alnwick, BSc, MEd

For a complete list of Carleton University faculty, see the Carleton undergraduate calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Director of admissions and academic records, J.L. Sevigny, BA, BPE

Enrolment (1985-1986):

Full-time undergraduate:	9,987
Part-time undergraduate:	4,567
Full-time graduate:	1,175
Part-time graduate:	847

Full-time faculty (1985-1986): 630

Total income (1984-1985): $108,191,000

General operating fund income

	('000)	
Government grants	$ 56,901	52.6%
Fees	17,456	16.1%
Miscellaneous	3,199	3.0%
Sub Total	$ 77,556	71.7%
Other funds income		
Ancillary enterprises	$ 15,044	13.9%
Special purpose and trust	701	0.6%
Sponsored research	12,251	11.3%
Plant	2,639	2.5%
Sub Total	$ 30,635	28.3%
TOTAL	$108,191	100%

History and Governance

Carleton College was established in 1942 by the Ottawa Association for the Advancement of Learning. In 1952, it was officially given the corporate name of Carleton College and was endowed with the power to grant degrees. In 1957 the name was changed to Carleton University, and the institution moved to the new Rideau River campus. The first three buildings on the campus were opened in 1959; there are now 24 buildings. In 1967 Carleton acquired St. Patrick's College from the English Oblates of Eastern Canada. The college, a small liberal arts college, was located on Echo Drive in Ottawa until the fall of 1973 when it moved to a new building on the Rideau River campus. In 1979 rising costs and declining student enrolment necessitated closing the college, and its programs and courses were transferred to the jurisdiction of the university.

Carleton University is a co-educational, provincial, non-sectarian institution whose main source of income is public. The university is managed by a 32-member board of governors and a senate composed of approximately 60 members.

Buildings and Grounds

Carleton University is located on a 152-acre site in Ottawa (metropolitan population 700,000). The university has 11 teaching and research buildings; other facilities include a library, an administration building, a physical recreation centre with a 50-metre indoor swimming pool, a gymnasium and five residences. A university centre houses a variety of recreational and extracurricular facilities.

Libraries

The main Carleton University library holds over one million volumes, 252,200 microforms, and 15,000 current periodical subscriptions. Students have access directly or through interlibrary loans to the National Library, National Science Library, and more than 100 special government libraries. Many university departments maintain reading-rooms containing books and periodicals of specialized interest.

Some library facilities are available for visually impaired students as well as for physically disabled persons. Special assistance is available upon request.

Programs and Degrees

Pass bachelor's degrees require four years of study (20 credits) from junior matriculation and three years of study (15 credits) from senior matriculation unless otherwise specified. Honours bachelor's degrees require five years of study from junior matriculation and four years of study from senior matriculation unless otherwise specified. Master's programs are one and two years in length from a bachelor's degree, depending on the student's background. PhD programs require two years of full-time study after a master's degree.

A half-credit normally represents three lecture hours per week for one term. One credit is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term.

Joint Programs

Carleton University and the University of Ottawa have developed joint Master's and PhD programs in several disciplines in the Faculties of Science and Engineering and in the Faculty of Social Sciences. Programs currently offered include: economics, biology, chemistry, computer science, geology, mathematics and statistics, civil engineering, mechanical and aeronautical engineering, electrical engineering, and physics. A joint specialization in neuroscience is also offered.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Architecture

Bachelor of architecture (BArch) Pass course, six years from junior matriculation, five years from senior matriculation.

Arts

Bachelor of arts (BA and Bachelor of arts (honours) [BA(hon)]) First year is "free choice" whereby students with academic counselling may select any five courses from a list of courses designated open to first year students.

Certificate in English language and composition (CELC) one year, five-credit program

Certificate in French language studies (CFLS) one year, six-credit program requiring some prior knowledge of French.

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*Ordinary member, AUCC

Certificate in the teaching of English as a second language (CTESL) one year, five-credit program normally requiring a first degree or teaching experience.

Certificate in law enforcement studies (CLES) one year six-credit program primarily intended for persons employed in the area of law enforcement, national security or corrections.

Diploma in music (DipM) one year, five-credit plus recital program.

Master of arts (MA) One year from honours bachelor's degree.

Doctor of philosophy (PhD)

Commerce

Bachelor of commerce (honours) [BCom(Hon)]

Computer science

Bachelor of computer science (honours)[BCS(Hon)]

Master of computer science (MCS) One year from honours bachelor's degree.

Engineering

Bachelor of engineering (BEng) Five years from junior matriculation, four years from senior matriculation.

Master of engineering (MEng) Two years from bachelor's degree in engineering.

Doctor of philosophy in engineering (PhD)

Industrial design

Bachelor of industrial design (BID) Four years from senior matriculation.

Journalism

Bachelor of journalism (BJ honours) Two programs are available: a) five years from junior matriculation, four years from senior matriculation; b) one year after completion of first degree.

Master of journalism (MJ)

Public administration

Bachelor of public administration [BPA(Hons)] Five years from junior matriculation, four years from senior matriculation.

Certificate in public service studies (CPSS) Junior matriculation required for admission. Applicants without junior matriculation will be considered on their merits and the completion of certain subjects at Carleton University before admission is granted. The course consists of six courses to be completed in full-time or part-time study.

Graduate diploma in public administration (DPA)

One year from bachelor's degree from a recognized college or university in the required pattern.

Master of arts in public administration (MA) One year or more from either a bachelor's degree and the graduate diploma in public administration or a bachelor's degree with either honours or an additional year of graduate work.

Science

Bachelor of science (BSc)

Master of science (MSc) One year from honours BSc

Doctor of philosophy (PhD)

Social work

Master of social work (MSW)

Special programs

School of Public Administration, the Norman Paterson School of International Affairs, School of Journalism, School of Social Work, Institute of Canadian Studies, Institute of Soviet and East European Studies, Institute of Biochemistry.

Interdisciplinary programs: Interdisciplinary programs, and courses in computing science, humanities, sciences, women's studies, and criminology and criminal justice are offered.

The university sponsors an extensive series of public lectures on a range of topics, concerts, dramas, films, and other cultural events of interest to the general adult community.

Continuing education

Students take courses in all disciplines on a part-time basis either during the day or evening division to qualify for degree studies, to upgrade professional skills or for the pleasure of it. Individual faculties should be consulted to determine if it is possible to complete the program entirely by evening study.

Courses are also offered in off-campus centres throughout the city, as well as through instructional television (ITV).

Fall/Winter session (September-April) and Summer session (May-August)

Admission Requirements

Preliminary year

Ontario: For admission to qualifying year (equivalent to grade 13), successful completion of Ontario secondary school graduation diploma with minimum average of 70 per cent including appropriate prerequisites at level four.

Other provinces: The following academic standings are required for admission to the qualifying year program. Quebec: successful completion of Quebec secondary V with a minimum 70 per cent average and 6 two-unit college preparatory subjects at the secondary V level. Students from British Columbia, Alberta, Saskatchewan, Manitoba, New Brunswick, Prince Edward Island and Newfoundland are not eligible for admission to qualifying program.

Undergraduate

Ontario: Admission to first year requires Ontario secondary school honour graduation diploma with minimum average of 60 per cent for a pass program and 65 per cent for an honours program.

Other provinces: For admission to year one of university studies, the following academic standings are required. Quebec: first year of the general or pre-university CEGEP programs with a minimum third-class honours standing, including appropriate prerequisites. Alberta, British Columbia, Saskatchewan, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland: grade 12 with a 60 per cent average for major, and 65 per cent for honours.

Mature students

Persons lacking normal entrance requirements but who are 21 years of age or over by December 31 of the year in which they wish to enrol and can give evidence of potential success in university studies will be considered for admission to full-time studies. Applicants will normally have been away from full-time studies for a minimum of two years.

Senior Citizens

Senior citizens, 60 and over, are required to pay $5.00 per course per session. Senior applicants are not usually subject to regular admission requirements.

Graduate
A bachelor's degree or its equivalent for a master's program and a master's degree for a PhD program. In many departments, applicants who do not qualify for direct admission to a master's degree program may be considered for admission to a qualifying-year program.

Foreign students
Foreign students may be considered for admission to either the qualifying year or first year. Certificates equivalent to Ontario honour graduation required.

Students whose mother tongue is not English must present a score of at least 550 on the test of English as a foreign language (TOEFL)

UK and Commonwealth: GCE or equivalent in five subjects with at least two at A-level for first year admission.

USA: High school graduation with a minimum of 16 units in grades 9-12 for qualifying year (freshman) consideration. Advanced placement with grades of three or better. Those who achieve a high level of standing in the first ten courses at Carleton may have their program assessed for a possible reduction in degree requirements. College Board's SAT required.

Other: Candidates submitting the international baccalaureate will be considered for admission.

Application Deadlines

Applicants from abroad and in-country visa applicants seeking admission in September must submit applications by February 1. Mature students, transfer students, and high school applicants, July 1. Special students (Carleton students registered in degree-credit courses without having been formally admitted to the university), August 15.

Graduate candidates whose documents originate outside Canada must apply by June 1. All other applications for graduate programs must be received no later than August 15.

Applicants wishing to be considered for scholarships, fellowships or assistantships administered by Carleton must submit their applications by March 1 (except in the case of the School of Social Work and the Department of Psychology who require completed applications to be submitted before February 1).

Costs (1985-1986)

Tuition: Full-time (more than three credits) first degree in arts, journalism, public administration, commerce, music, computer science, science, $1,398.40; engineering, architecture, industrial design, $1,503.40; part-time, $272.24. Foreign student fees: $4,768.40 for arts, journalism, public administration, commerce, music, computer science and science (Type A programs); $7,655.40 for engineering, architecture and industrial design (Type B programs); Part-time (per credit) $949.24 for Type A programs, $1,529.24 for Type B programs. Graduate studies; $647.10 per term to $1,941.30 per full academic year. Part-time, $191.85 per term. Foreign student fees: $2,733.10 per term full-time or $817.85 per term part-time.

Fees listed above include tuition, students' association, athletics, health and university centre, where applicable laboratory, and summer survey fees.

Residence room and board $2,780 double; $3,080 single.

Off-campus housing: $150 and up (rooming house); $300 and up (apartment).

Student fees (included in above tuition costs): $168 undergraduate and graduate.

All fees subject to change without notice.

Academic Year

Fall/Winter session: September to early May. The fall session runs from September to December, the winter session from January to May. Day and evening courses are offered. Summer session: May to end of examination period in August. Evening division begins in May and continues until August. Day division begins in July and continues until August. Courses offered in the first or second halves of these periods are designated first or second term courses respectively.

Grading System

All faculties use a 12-point grading system ranging from A to D. The percentage equivalents are as follows: A+ (90-100%); A (85-89%); A— (80-84%); B+ (77-79%); B (73-76%); B— (70-72%); C+ (67-69%); C (63-66%); C— (60-62%); D+ (57-59%); D (53-56%); D— (50-52%).

Student Aid

The Awards Office is responsible for the administration of undergraduate scholarships and bursary programs as well as loans for graduate and undergraduate students. Scholarships are awarded on entry to the University and to those in course on the basis of superior academic performance. Undergraduate scholarship applications are not required except for the top three entrance scholarships. Applications for these three scholarships may be obtained from the Awards Office and must be returned by May 14. Bursaries administered by Carleton University are awarded to students who have a sound academic standing and who show evidence of genuine financial need. Applications are available in the Awards Office. Students are encouraged to apply for student assistance from their provincial, state or federal government.

Carleton University offers a number of entrance scholarships with an average value of $1,200. These scholarships are open to all first-year applicants to the university. Bursary assistance is available to students not qualifying for government assistance.

Student Life and Services

The Carleton University Students' Association (CUSA) is comprised of all registered students and sponsors a variety of programs and activities. Debates and symposia concerning the financing and quality of education, publications including a weekly newspaper, student co-op housing, clubs, musical and dramatic societies, social functions, and other recreational and cultural undertakings constitute the cocurricular student program. Radio CKCU-FM offers a wide range of community programming. CUSA was instrumental in proposing a plan of cooperative decision-making known as New University Government, which allows formal student representations in the governing of the university at the levels of departments, faculty boards, senate, and board of governors.

Student orientation is marked by a variety of events and programs offered by both the university and the Students' Association. Academic counselling, pre-registration, information on campus life, campus tours, and social get-togethers are part of the orientation process.

The awards office, Canada Employment Centre, and housing and food services are a few of the services available to students. The University Centre offers recreational and educational services and provides an opportunity for students to gather in a relaxed and informal manner outside of the classroom. The campus organization for foreign students, the World University Service of Canada, and the Overseas Students' Advisory Service as well as administrative officers provide service for foreign students.

The university has five residences which accommodate 1,330 students. Lanark and Renfrew Houses are coeducational, Lanark having 175 beds and Renfrew 171. Grenville House is a women's residence with 181 beds, while Russell House is for men and has 179 beds. Glengarry House has a total of 624 beds in a mixture of women only, men only, and coeducational floors; the first two floors are reserved for graduate students only.

The university maintains an off-campus housing service in which interested landlords list available accommodation. The listings are posted and are accessible 24 hours a day.

The Carleton Day Care Centre has 52 spaces available. Priority is given to children of Carleton students, but the centre also caters to staff and the general public. Some subsidies are available for students, according to income.

Medical and mental health services are available on campus to all students and staff at the university. Physicians, nurses and psychiatrists are in attendance. There is an after-hours service for persons requiring medical attention during the hours the clinic is closed.

Ontario Health Insurance Plan (OHIP) coverage may be applied for directly at the Health Services Office.

Counselling services is an educational resource centre available to all members of the university community. It provides a variety of learning experiences to facilitate personal growth and adjustment, maximum development of individual potential, and the realization of personal, academic, and career goals. A qualified team of counselling professionals offers a wide range of services and programs.

Athletics and Recreation

The physical recreation program is designed to meet three general areas of interest: intercollegiate athletics, intramurals and recreational skill instruction. The University's present outdoor athletic facilities include football and soccer fields, five tennis courts and a skating rink. The indoor facilities consist of a fifty-metre pool and a ten-metre diving platform; a fitness centre with jogging track, double gymnasium, and squash courts.

Student employment on campus is available in the bookstore, student associations, the University Centre, the library, and the various food services. Recruiting is done individually by these offices. Students interested in part-time positions for the academic year should register at an early date with the Canada Employment Centre. Information is also available concerning permanent employment as well as summer opportunities, and the holdings of the centre's guidance library are of use to those exploring career areas.

Student services also include Office of the Ombudsman.

The Carleton campus is well equipped for accommodating physically handicapped persons. The buildings are in close proximity to each other and are connected by tunnels. All of the main buildings have elevators, and there are ramps for outside entrance and exit. Most buildings have washrooms equipped for the handicapped. For further information, contact Co-ordinator for the Program for the Disabled (613) 231-3657

Research Institutes and Centres

Analytical Toxicology Unit. Co-directors: D.C. Wigfield, BSc, PhD; B.R. Hollebone, BSc, PhD

Architectural Research Group. Director: A. Perez-Gomez, MA, PhD

Centre for Advanced Engineering and Design. Director: G. Kardos, MEng, PhD

Centre for International Research and Training. Director: J.T. O'Manique, BSc, BPh, PhL, PhD, DPH

Electronics Research Laboratory. Director: A.R. Boothroyd, BScEng, PhD

Emergency Communications Research Unit. Director: T.J. Scanlon, BJ, DPA, MA

Energy Research Group. Co-directors: J.T. Rogers, BEng, MEng, PhD, PEng; J. Lukasiewicz, BSc, DIC, Dip-Ing, DSc, FAIAA, FCASI, FIMechE; E.J. Plett, BASc, SM, ScD

Entomology, Evaluation and Behaviour Research Unit. Director: H.F. Howden, MS, PhD

Institute of Biochemistry. Director: K.W. Joy, BSc, PhD

Institute of Canadian Studies. Director: R.T. Clippingdale, MA, PhD

Institute of Soviet and East European Studies. Director: J.L. Black, MA, PhD

Jurisprudence Centre. Director: P.J. Fitzgerald, MA, Barrister at Law.

Ottawa Valley Regional Centre. Co-Directors: I. Pringle, MA; E.D. Padolsky, BA, MA, PhD

Paterson Centre for International Programs. Director: D.R.F. Taylor, MA, PGCE, PhD

Renaissance Centre. Director: D.A. Beecher, MA, PhD

Research Centre for High Technology Management. Director: J.R. Callahan, BSc, MA, PhD

Research Institute for Probability and Statistics. Co-directors: D.A. Dawson, BSc, MSc, PhD; M. Csörgő, BA, MA, PhD

Transport Technology Research Laboratory. Director: J.-Y. Wong, BSc, PhD

Concordia University*

General Information

Address: Sir George Williams Campus, 1455 de Maisonneuve Boulevard West, Montreal, Quebec H3G 1M8
Telephone: (514) 848-2424
Address: Loyola Campus, 7141 Sherbrooke Street West, Montreal, Quebec H4B 1R6

Rector and Vice-chancellor: P.J. Kenniff, LLL, PhD

For a complete list of Concordia University faculty, see the Concordia calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, K.D. Adams, BSc, LMus

Enrolment (1985-1986):

Full-time undergraduate:	11,599
Part-time undergraduate:	11,234
Full-time graduate:	1,655
Part-time graduate:	1,648

Full-time faculty (1985-1986): 775

Total income (1984-1985): $119,254,000

General operating fund income	('000)	
Government grants	$ 82,604	69.3%
Fees	14,221	11.9%
Miscellaneous	1,842	1.5%
Sub Total	$ 98,667	82.7%
Other funds income		
Ancillary enterprises	$ 6,164	5.2%
Special purpose and trust	4,477	3.8%
Sponsored research	9,946	8.3%
Sub Total	$ 20,585	17.3%
TOTAL	$119,254	100%

History and Governance

Concordia University was established in August 1974, by the merger of Sir George Williams University and Loyola College.

Concordia assumed the Sir George Williams University charter, which was passed by the Quebec legislative assembly in February 1948.

Sir George Williams University was developed from the formal educational work of the Montreal YMCA inaugurated in 1873, the first university-level classes were offered in 1929. Loyola College originated as the English side of the Jesuit Collège Ste-Marie in 1848. It began operating as a separate entity in 1899; its graduates first received degrees from Université Laval and later from Université de Montréal.

The university is a coeducational, non-denominational institution supported by public and private funds. It is governed by a 30-member board of governors and a senate of 37 voting members.

Buildings and Grounds

The Loyola Campus is located on a 50-acre site in the west end of Montreal. The 26-building complex houses lecture and seminar rooms, auditoria, laboratories, studios and specialized rooms. The Lacolle centre for education innovation is an off-campus facility located 65 km south of Montreal.

The Sir George Williams Campus, located in central Montreal, is housed mainly in three large buildings. The Hall building houses the engineering and science library; class and seminar rooms; auditoria; faculty offices, laboratories for natural sciences and engineering; psychology, sociology, and language laboratories; computer terminals; a theatre; a cafeteria; and art galleries. The Norris building houses the main campus library, the departments of English and history classrooms and administration offices. The visual arts building houses specialized studies for painting, sculpture, drawing and graphic design as well as classrooms, auditoria, faculty offices and a cafeteria. The university also owns and rents a number of premises in the vicinity of the three buildings.

Facilities for handicapped students are available within the physical limitations of the two campuses. The Hall building, containing most of the Sir George Williams campus facilities, is particularly convenient. The Dean of Students' offices and handicapped information centres on both campuses provide maps and brochures outlining facilities for the handicapped at the university.

Libraries

The Concordia university libraries contain a growing collection of more than 1.5 million items. There are two major libraries on each campus, which house particular general collections as well as a number of special collections.

The library system is accessible to the disabled. A disabled persons monitor is available to assist individuals in making any special arrangements for library instruction and research.

The library subscribes to a number of data bases, allowing researchers access to various information retrieval systems.

Special Collections: Masonic collection
Rudnychyj archives dealing with the Royal Commission on Bilingualism and Biculturalism and ethnic groups in Canada.
Irving Layton collection
Quinn pamphlet collection on politics in Quebec
CBC radio drama archives
William Notman collection of photographs of the Victoria Bridge construction and the city of Montreal in 1859.

Programs and Degrees

Undergraduate level certificates require successful completion of 30 or more credits beyond the DEC (diplôme d'études collégiales/diploma of collegial studies), depending on the program.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

Bachelor's degrees, other than the bachelor of engineering, require successful completion of 90 credits beyond the DEC, and may be completed in three years of full-time study. The bachelor of engineering degree requires from 113 to 117 credits beyond the DEC; the number of credits varies depending on the option chosen and the previous preparation of the student. Students admitted with advanced standing must take a minimum of 45 credits at the university (60 credits for the bachelor of engineering), at least 50% of which must be in their field of specialization. Those seeking a second degree at the bachelor's level must successfully complete a minimum of 60 credits, with at least 36 in their new field of specialization.

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*Ordinary member, AUCC

The language of instruction is English, but students may submit assignments and examinations in French. All Bachelor's degree candidates who first entered their programmes after July 1983 (1984 in fine arts) must pass, or be exempt from, a writing proficiency test in either English or French.

Graduate diplomas require successful completion of 30 or more credits beyond the bachelor's degree, depending on the program.

Master's degrees normally require a minimum residence of one calendar year beyond the bachelor's degree, but certain programs require longer minimum residence periods.

Doctoral degrees require a minimum residence of two calendar years beyond the master's degree.

The university has strong traditions in part-time education, and most of its undergraduate and graduate programs may be completed on that basis. The minimum residence requirements for master's and doctoral degrees are then extended.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts and science
Undergraduate level certificates
Bachelor of arts (BA honours, BA specialization, BA major)
Bachelor of education [BEd (teaching English as a second language)]
Bachelor of science (BSc honours, BSc specialization, BSc major)
Graduate diplomas
Master of arts (MA)
Master of science (MSc)
Master in the teaching of mathematics (MTM)
Doctor of philosophy (PhD)

Commerce and administration
Undergraduate level certificates
Bachelor of administration (BAdmin specialization)
Bachelor of commerce (BCom honours, BCom major)
Graduate diplomas
Master of business administration (MBA)
Doctor of philosophy [PhD (administration)]

Engineering and computer science
Undergraduate level certificate (quality control)
Bachelor of computer science (BCompSc honours, BCompSc)
Bachelor of engineering (BEng)
Master of computer science (MCompSc)
Master of engineering (MEng)
Doctor of philosophy (PhD)

Fine arts
Undergraduate level certificates
Bachelor of fine arts (BFA honours, BFA specialization, BFA major)
Graduate diplomas
Master of arts [MA(art education; art history)]
Master of fine arts [MFA (studio arts)]
Doctor of philosophy [PhD (art education)]

Continuing education

A wide variety of special programs and courses is available through the Centre for Continuing Education for individuals not necessarily interested in following regular undergraduate or graduate programs. For most, a certificate of achievement is issued by the centre upon successful completion of required work. Course offerings are reviewed and supplemented frequently to ensure they satisfy the changing needs of the community. Programs include hospitality management program (management of hotels, restaurants, and institutional and commissary food service establishments); portfolio, investment and tax planning management; tourism management practices; security administration (private and industrial security, offered in French and English); journalism; advertising and public relations; and small group special interest courses (to develop particular skills, further interest or satisfy curiosity). Programs are also available in various areas in music and arts.

The centre's Continuing Education Language Institute has designed an expanded program of English and French instruction to meet the needs of adult students seeking language training for professional, social and academic purposes. Day and evening courses are offered during the year. All classes are limited in size to ensure maximum student/instructor contact.

Academic programs are offered in a number of countries. Usually scheduled between April and September, these courses are regular university offerings under the direction of an academic department.

Seminars and workshops, sponsored with cooperation of an academic department or faculty, are scheduled to meet community needs in topics which are not normally part of regular degree programs.

Admission Requirements

Undergraduate

Quebec: Holders of the DEC or its equivalent are considered for admission to a regular undergraduate program. Candidates for admission are expected to have successfully completed specific courses required for entry into a given undergraduate program. These pre-university "profiles", established through joint action of the Quebec universities and the Quebec Department of Education, will be found in the Department's booklet, Accueil 86-Structures d'accueil aux études universitaires de premier cycle pour septembre 1986. Further information may be obtained from the Office of Admissions.

Other provinces: Ontario grade 13 graduates with a minimum overall average of at least 65 per cent in appropriate subjects are normally considered for admission to a regular undergraduate program. Individuals who have completed grade 12 in Canadian provinces other than Quebec with a minimum overall average of at least 65 per cent in appropriate subjects are considered for admission to an extended undergraduate program requiring the completion of 30 credits more than the corresponding regular program.

Mature students

Applicants not satisfying the normal academic requirements for admission may be considered for admission on the basis of potential to undertake undergraduate studies provided they (a) are either Canadian citizens or permanent residents; (b) will be at least 21 years of age by a date specified in the undergraduate calendar; and (c) have been away from full-time study either for 24 months since attaining the age of 18, or for 12 months with no un-favourable academic record in the past 24 months. Further information is available from the Office of Admissions.

Senior students

A fee of $6 per half-course is required from senior citizens as follows:

i) Seniors, 60 years of age or more, taking "special non-credit" courses.

ii) Seniors 65 years of age or more, participating in regular credit courses within the faculty of Arts and Sciences, but not seeking to obtain a certificate, degree or other qualification.

Any other courses taken by seniors, whether 60 or 65 years of age, are subject to standard fees and regular admission requirements.

Graduate students

The normal admission requirement for a diploma is a bachelor's degree; for a master's program, a bachelor's degree with honours in a relevant discipline; for a doctoral program, a master's degree with high standing in the field of study. Several programs have additional requirements: for example, the MBA program requires applicants to take the Princeton graduate management admission test; applicants to psychology master's programs should write the graduate record examination and Miller analogies test. Detailed information about each program can be found in the graduate calendar, which is available upon request.

Foreign Students

Students may be required to demonstrate proficiency in the English language by writing the Concordia English Language Test (available only to applicants from within the Montreal area), the test of English as a foreign language (TOEFL) or the University of Michigan English Language Test.

UK and Commonwealth: Applicants must present five appropriate general certificate of education papers including at least two at A-level, or equivalent, to be considered for admission to a regular undergraduate program. Students with better than average results in five acceptable O-level papers, or equivalent, plus one full year of formal schooling beyond O-level papers may be considered for admission into an extended undergraduate program (as described under Other provinces above).

U.S.A.: High school graduates from accredited schools who have followed an academic program designed for university entrance may apply for admission to an extended undergraduate program (as described under Other provinces above).

The International Baccalaureate is recognized.

Other: Information with respect to admission requirements and placement levels may be obtained by writing to the Office of Admissions.

Applications and deadlines

Closing dates for receipt of applications vary with the program.

Costs (1986-1987)

Tuition: Fees are based on the number of course credits for which a student registers, as follows. Canadian citizens and permanent residents: The fee is $15 per credit at the undergraduate level, resulting in $450 for students registered for the usual full-time course load of 30 credits from September to May. At the graduate level, the fee is $10 per credit. Independent students (not following a program leading to a qualification awarded by the university) pay $20 per credit at both levels.

Foreign student tuition (86-87): $195 per credit resulting in $5,850 for students registered for 30 credits. Certain foreign students may be eligible to pay the same fees as Canadian citizens; details are available from the Accounts or Admissions Offices.

Residence rates per academic year: Double room $1,260; single room $1,470.

Medical insurance: Compulsory for out-of-country students. Single, approximately $365; married, approximately $2,009.

All fees subject to change without notice.

Academic Year

Fall term: September to December. Winter term: January to early May. Summer sessions: May to June and July to August.

Grading System

Letter grades are used in all faculties. Grades range from A+ to R (repeat). Students may write their assignments and examinations in English or French.

Student Aid

The university offers a number of entrance scholarships at the undergraduate level, as well as graduate fellowships. Deadlines for applications are March 1 and February 1 respectively. On both campuses, there are endowed scholarships which are awarded for in-course excellence. Government assistance is available to all students through their home provinces or states. Contact the financial aid office on either campus for information at the undergraduate level, or the Office of Graduate Studies for graduate student information.

Student Life and Services

A wide variety of extra-curricular activities is available to students. These vary from clubs for students with cultural, social or political interests to office in student government itself.

The opportunity for training and development in radio, television and the newspaper field is available through the various student-run media. Clubs and student-run activities as well as student faculty associations are grouped under the Concordia University Students Association (CUSA), whose officers are elected by the full-time and part-time undergraduate students. The Graduate Students' Association includes all students registered for a program of graduate studies at the university. Concordia University has a wide variety of extra and co-curricular programs for full-time and part-time students. The two student associations offer opportunities to participate in social and special interest groups, student government, and training and development in radio, television, and journalism.

The Loyola Campus is the focal point of the university's physical education and athletics program. It includes amongst its facilities full-length playing fields, outdoor activities, and a physical education centre containing facilities for men and women, a gymnasium and an ice arena.

The Sir George Williams Campus offers an extensive intramural and recreational sports program for all students. The program uses university facilities and the downtown YMCA.

Fall orientation programs on both campuses are designed to familiarize new students with the various services and facilities available to them and to help them resolve any problems which may be encountered during their introduction to university life.

Residence accommodation is available to approximately 250 full-time students. The facilities can house students in traditional dormitory or apartment style rooms, and include a cafeteria and cooking facilities. Students who wish to live off-campus may consult the off-campus housing service, which maintains a list of available apartments, homes and rooms.

Physicians are available daily through the health service on each campus. The service has a referral system with outside specialists and related agencies. It is equipped to handle most medical problems and emergencies. The university group health and accident insurance plan is compulsory for all single and married out-of-country students entering the university as they are not eligible for medical or health coverage under the Quebec Health Insurance Plan.

Legal advice is offered to all students who may require assistance on matters relating to their legal rights. An appointment to see a lawyer can be made through the Legal Aid Office at either campus. Commissioners of oaths are also available on each campus.

The Loyola and Sir George Williams campus ministries are concerned with deepening personal awareness and awakening a sense of social responsibility within the university community. The chaplains, representing different faiths, organize various programs and are available for personal religious guidance and counselling.

Handicapped information centres on both campuses offer a range of services, including counselling.

The university ombuds office consists of one full-time and two part-time ombudsmen. The part-time ombudsmen must be persons already employed by the university at the time of their appointment, and one must be a tenured member of faculty. The primary role of the office is to function as a liaison and mediator in the variety of conflicts that may arise among different areas of the university.

The Office of Guidance Services, located on both campuses, provides: individual and group counselling; an information service with emphasis upon graduate and career planning; reading skills development and study skills program. The Canada Employment and Immigration Commission has a manpower centre on each campus. Complete university bookstore facilities are available on both campuses.

Child Care facilities are available. Of the 43 spaces, a minimum of 25 are reserved for students, 4 or 5 for faculty and staff, the remainder are filled on a first-come first-serve basis. Fees are charged according to income.

Responsibility for policy and budgets for the wide range of student services rests with the Concordia Council on Student Life composed of students, faculty and student services staff. The council has the responsibility for establishing priorities in student services to meet changing student needs. Students are also represented on all university bodies, including the senate, the board of governors and the faculty councils.

The two campuses are easily accessible by public transit. Both are serviced by several bus routes and Sir George Williams is only a few minutes away from a downtown subway station. A free shuttle-bus service is operated on a regular basis between the two campuses. Student parking facilities exist only at Loyola Campus.

Research Institutes, Centres and Programs

Applied Psychology Centre. Director: W.J. Brender, BA, MSc, PhD

Centre d'études du Québec. Director: E. Gibbs, MA, PhD

Centre for Building Studies. Director: P.P. Fazio, MASc, PhD, EngQue

Centre for Human Relations and Community Studies. Director: M. Taylor, MA, PhD

Centre for Industrial Control. Director: R.M.H. Cheng, MSc, PhD

Centre for Management Studies. Director: R. McTabish, BSc, MA, PhD

Centre for Research in Human Development. Director: L. Serbin, BA, PhD

Centre for Studies in Behavioral Neurobiology. Director: R.A. Wise, MA, PhD

Centre for Systems Research and Knowledge Engineering. Director: P.D. Mitchell, BSc, MA, PhD

Centre for the Study of Anglophone Quebec. Director: R.E. Rudin, MA, PhD

Concordia Centre for Broadcasting Studies. Director: J.D. Jackson, MA, PhD

Concordia Transportation Management Centre. Director: K.L. McGown, BSc, MBA, PhD

Conservatory of Cinematographic Art. Director: S. Losique, LèsL, Dipd'EtSup, DU

Institute of Applied Economic Research. Director: W.A. Sims, MA, MSc, PhD

Institute of Comparative Physical Education. Director: E.F. Enos, BSc, MEd, EdD

Interuniversity Centre for European Studies (in conjunction with Université du Québec à Montréal). Director: M. Grenon, DèsL

Interuniversity Centre for the Study of Religion (in conjunction with Université du Québec à Montréal). Director: J. Hofbeck, CES, STD

Picosecond Laser Flash Photolysis Centre. Director: N. Serpone, BSc, PhD

Science Industrial Research Unit. Director: R. Patterson, BSc, MBA

Dalhousie University*

General Information

Address: Halifax, Nova Scotia B3H 3J5
Telephone: (902) 424-2211
Telex: 014-423-512

President and Vice-chancellor: Howard C. Clark, BSc, MSc, PhD, ScD

For a complete list of Dalhousie University faculty, see the Dalhousie calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, Mary MacGillivray (pro tem), BA

Enrolment (1985-1986):

Full-time undergraduate:	7,053
Part-time undergraduate:	1,294
Full-time graduate:	1,101
Part-time graduate:	545

Full-time faculty (1985-1986): 848

Total income (1984-1985): $141,206,000

General operating fund income	('000)	
Government grants	$ 69,806	49.5%
Fees	14,994	10.6%
Gifts	78	0.0%
Miscellaneous	7,325	5.2%
Sub Total	$ 92,203	65.3%
Other funds income		
Ancillary enterprises	$ 10,149	7.2%
Special purpose and trust	14,857	10.5%
Sponsored research	19,324	13.7%
Plant	4,673	3.3%
Sub Total	$ 49,003	34.7%
TOTAL	$141,206	100%

History and Governance

Dalhousie University was founded in 1818 by the ninth Earl of Dalhousie who was then lieutenant-governor of Nova Scotia. With the exception of a few years between 1838 and 1845, Dalhousie did not function as a university until 1863. The first bachelor of arts degree was awarded in 1866.

Dalhousie is a non-denominational, coeducational university. It is governed by a 46-member board of governors and a senate.

Buildings and Grounds

The university is located on 62 acres in southwest Halifax, a city with a metropolitan population of 286,389. There are two campuses, Studley and Carleton, though the two are only four blocks apart with a substantial scattering of major buildings located between the two.

Major buildings include an arts and administrative building, the Killam Memorial Library, an arts centre (music, theatre, art gallery), Fenwick Place, Burbidge pharmacy college, Macdonald science library, the student union building, the Sir James Dunn science building, dental building, Weldon Law building, the Sir Charles Tupper medical building, the Forrest building, the Dalplex physical education /recreation centre, a skating rink, the life sciences building and the central services building. The animal care centre, medical science facilities and the faculty of health professions are located in the Sir Charles Tupper medical complex.

The student union building offers lounges, a cafeteria, meeting rooms, a games room, a television lounge, a barber shop and a bookstore.

There are a number of computers on campus which are used for laboratory experimentation. There is also an arts centre for the performing and visual arts with an auditorium, ancillary areas for music activities, a drama theatre with supporting workshops and teaching quarters, and an art gallery.

The campus is served by public transit; a limited number of parking spaces are available.

Libraries

The university library system accommodates the needs of the undergraduate and graduate teaching programs as well as the specialized professional schools. It consists of the University library (humanities, social sciences and sciences) with holdings of 925,300 volumes of print materials and 282,000 micromaterials; the Kellogg Health Sciences library with holdings of 139,500 volumes of print materials and 20,200 micromaterials; the Law library with holdings of 156,000 of print materials and 5,000 micromaterials; the Institute of Public Affairs library with holdings of 18,100 volumes of print materials; and the School of Social Work library with 21,000 volumes of print materials.

Special Collections: Rudyard Kipling (James MacGregor Stewart Collection);
Canadiana (J.J. Stewart Collection);
Early Imprints and Fine Bindings (Douglas Cockerell Collection);
Francis Bacon;
Thomas Raddall Manuscripts & Papers;
Oscar Wilde Collection;
Maritime Tel & Tel Collection

Programs and Degrees

General bachelor's degrees require three years (15 credits) from senior matriculation, honours four years (20 credits), unless otherwise specified. Master's degrees require at least two years of study after a bachelor's degree unless otherwise specified.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

The credit system is not used for programs in the Faculties of Medicine, Dentistry and Law.

Doctorate degrees in medicine and dentistry require at least four years of study. Postgraduate certification in these fields requires from two to five years additional study. Other doctorate degrees require a minimum of three years from an honours bachelor's degree or two years from a master's degree unless otherwise specified.

For detailed information on programs, see **Degrees and Diplomas** chapter.

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*Ordinary member, AUCC

Arts

Bachelor of arts (BA) Major and honours.

Master of arts (MA) At least one year from honours BA or equivalent, or two years from general BA with high standing in at least four classes in field of specialization. Those with honours bachelor's degrees may complete requirement in one calendar year full-time study.

Doctor of philosophy (PhD) At least two years from MA.

Commerce

Bachelor of commerce (BCom) Four years from senior matriculation for both major and honours program.

Certificate in public administration (CertPA) One academic year. May be taken on part-time basis.

Master of business administration (MBA) Two years following bachelor's degree.

Combined master of business administration and bachelor of laws (MBA/LLB) Four years following bachelor's degree.

Costume studies

Certificate in costume studies (CertCostStudies) Two-year program of studies.

Diploma in costume studies (DipCostStudies) One-year program of studies following the CertCostStudies.

Dentistry

Diploma in dental hygiene (DipDHyg) Two-year diploma course beyond senior matriculation.

Doctor of dental surgery (DDS) Four years following three years of arts or science beyond junior matriculation or two years of arts or science beyond senior matriculation.

Master of science in oral surgery [MSc(OralSurg)] Four years with thesis beyond DDS.

Post-graduate certificate in periodontics (CertPeriodon) Two years beyond DDS and DMD.

Education

Bachelor of education integrated (BEd) Four years beyond senior matriculation for BA or BSc and BEd or five years for honours BA or BSc and BEd.

Bachelor of education (BEd) One academic year. Sequential course for students with BA, BSc or BCom.

Certificate in Educational Admin. (CEA). One year after BEd or graduation from Teacher's College.

Master of arts in education [MA(Ed)] Master of education (MEd) One year from BEd with at least second-class standing or after MA or MSc.

Doctor of philosophy (PhD) At least two years from MA or MEd.

Engineering

Preparation for entry to the Nova Scotia Technical College without a degree.

Architecture

Two years beyond senior matriculation.

Diploma in engineering (DipEng) Two years beyond senior matriculation.

Bachelor of science and Diploma in engineering (BSc with a science major and DipEng) Three years beyond senior matriculation.

Environmental studies

Master of environmental studies (MES) Two years of study and thesis following bachelor's degree.

Health Services Administration

Master of Health Services Administration. (MHSA). Two years after bachelor's degree.

Human communication disorders

Master of science in speech pathology or audiology (MSc). Three years following a bachelor's degree.

Law

Bachelor of laws (LLB) Three years from BA, BSc, or BCom, or from three years university study beyond junior matriculation or two years university study beyond senior matriculation.

Master of laws (LLM) At least one year from LLB. Thesis required. May be taken on part-time basis.

Combined Master of business administration and Bachelor of laws (MBA/LLB) Four years beyond bachelor's degree.

Doctor of the science of law (JSD) One year beyond LLM.

Library service

Master of library service (MLS) Four-term course following bachelor's degree with at least second-class standing. May be taken on two-year schedule, one-year (12 months) schedule or part-time schedule (to be completed in six years).

Medicine

Doctor of medicine (MD) Four years following three years in arts or science beyond junior matriculation or two years beyond senior matriculation. One-year internship required following MD to meet licensing requirements.

Residency training programs in clinical specialties approved by appropriate national accrediting agency available in a number of areas. Most require four years beyond internship; family practice requires two.

Music

Bachelor of music education (BMusEd) Four years after senior matriculation.

Bachelor of music (BMus) Four years after senior matriculation.

Bachelor of arts with specialization in music Three years after senior matriculation.

Nursing

Bachelor of Science (nursing)(BScN) Four calendar years from senior matriculation or three years following RN from recognized school of nursing.

Diploma in outpost and public health nursing (DOP&PHN) One academic year at Dalhousie and 28-week supervised internship in northern Canada.

Master of nursing (MN) Two years following bachelor's degree and RN qualification.

Occupational therapy

Bachelor of science (occupational therapy) [BSc(OT)] Three years following first year arts and science.

Pharmacy

Bachelor of science in pharmacy BSc(Pharm) Four years from senior matriculation.

Residency in hospital pharmacy. One year after BSc(Pharm).

Master of science (MSc) Normally two years after BSc(Pharm) Twelve months resident study and research minimum requirement.

Doctor of philosophy (PhD) At least two years from MSc.

Physical education

Bachelor of physical education (BPE) Four years from senior matriculation.

Bachelor of science in health education (BScHlthEd) Four years from senior matriculation.

Bachelor of recreation (BRec) Four years from senior matriculation.
Master of science (physical education) [MSc(PhysEd)] One academic year plus thesis.

Physiotherapy
Bachelor of science (physiotherapy) [BSc(Physio)] Three years following first year arts and science, two years minimum post-diploma.

Public administration
Certificate in Public Administration (CertPA) One academic year. May be taken on part-time basis.
Diploma in public administration (DPA) One year following bachelor's degree. May be taken in part-time study.
Master of public administration (MPA) Two-year program after bachelor's degree. Final year may be taken in part-time study.

Science
Bachelor of science (BSc) Major and honours.
Master of science (MSc) At least two years from major BSc. Students with BSc honours or equivalent may complete requirements in one year if full time is devoted to course.
Doctor of philosophy (PhD) At least three years from honours degree or two years from master's degree.
Diploma in Meteorology (DipMet) One year after undergraduate science degree.

Social work
Bachelor of social work (BSW) Three years following first year arts and science. Master of social work (MSW) One year beyond BSW.

Special programs
Transition-year program designed to assist educationally disadvantaged black and Indian students in Nova Scotia in preparation for entry to general undergraduate degree courses.

Coordinated and individual programs may be arranged within the BA and BSc degree requirements.

Interdisciplinary undergraduate-level programs may be arranged in African studies, Canadian studies, mediaeval studies, Russian studies, women's studies, and comparative literature.

Foundation-year program of University of King's College offers integrated, interdisciplinary first year in humanities and social sciences and is available to Dalhousie students who must also enrol at King's College.

Co-operative integrated work/study programs are available in mathematics, physics and computing science.

Continuing education
Classes are offered leading to degrees in arts, science, education, commerce and physical education. Mature students are accepted.

Regular courses, scheduled in late afternoon and evening, are open to both full and part-time students.

Evening courses are offered in selected field in late afternoon and evening classes with or without examinations. Special lecture series, conferences, seminars and workshops are offered by various faculties, departments and schools and by Institute of Public Affairs.

Series of lectures and workshops are offered through the computer centre on computer programming.

Summer session: Courses are offered in two sessions. May-June and July-August. Students may take up to five credits in summer sessions, one per session.

Correspondence courses: Correspondence courses are offered in municipal accounting and administration for assessors through Institute of Public Affairs.

Professional development: In-service programs provide professional courses through faculty of medicine and other professional faculties in cooperation with respective professional societies.

Admission Requirements

Undergraduate
Nova Scotia: The normal minimum requirement for admission to arts and science, health professions, administrative studies, or to dental hygiene is completion of Nova Scotia Grade 12 in an appropriate university preparatory program or its equivalent with average of at least 60 per cent (65% for the school of business administration). Students who do not meet normal admission requirements will, in certain instances, be considered for admission. Because admission requirements may vary within faculties and over time, applicants should contact the particular academic unit of interest to make sure they meet that unit's standards.

Other provinces: New Brunswick, Prince Edward Island, Manitoba, Saskatchewan, Alberta and British Columbia: grade 12; Ontario: grade 13; Quebec: senior high school leaving certificate or diploma of collegial studies; Newfoundland: first year at Memorial University of Newfoundland.

Transfer Students
Transfer admission is possible, but the regulations governing this vary so from program to program that the University Calendar/the Admissions Office ought to be consulted for specifics. As a general rule, at least half the credits for a Dalhousie degree must be taken at Dalhousie.

Mature students
Students who do not meet normal admission requirements and who have been away from studies for a number of years may apply as mature students. They must show by letter and interview that they would benefit from university studies.

Senior citizens
Senior citizens, 60 and over, are exempt from tuition fees and may apply as mature students.

Graduate
Candidates may be admitted to one-year master's programs if they hold honours bachelor's degree or equivalent of a Dalhousie honours degree in the field of study in which graduate work will be done. Students who have completed at least four undergraduate classes or equivalent in the field in which graduate work is to be done with at least second-class average may be admitted to a two-year master's program. Students who do not meet this latter requirement may be admitted to a qualifying year of study. At the end of this year, students are eligible to apply to master's or doctoral programs. Candidates seeking admission to doctoral programs must hold an honours bachelor's degree equivalent to that of Dalhousie, or master's degree or equivalent. Candidates with an honours undergraduate degree in the proposed field of study may be admitted to a three-year PhD program. Those with master's degree or equivalent in the proposed field of study may be admitted to a two-year

PhD program. Where the degree held is in a field other than the proposed field of PhD study, the candidate may be accepted into a two-year program at the discretion of the department.

Foreign Students

A foreign student quota is in effect in Engineering: no more than 15% of the first year class may be visa students. Those whose native language is not English must demonstrate spoken and written English proficiency. This may be provided for admission by tests such as TOEFL (minimum score 550). The international baccalaureate is recognized, but no credit towards a Dalhousie degree is awarded for it.

Great Britain, West Indies, West Africa: Applicants must present GCE with passes in at least five subjects of which two must be at A-level and one must be English.

Hong Kong: GCE as for Great Britain or University of Hong Kong matriculation certificate under same conditions as for GCE.

India, Bangladesh, Pakistan: A bachelor's degree with first or second-class standing from recognized university or, in certain circumstances, first-class standing in intermediate examinations in arts and science with passes at university level in English, mathematics and a language other than English. Neither standing, however, is sufficient for admission to the sequential BEd program.

USA: First year at a recognized university or similar institution of higher learning with minimum 30 semester hours. Students less qualified are considered if they appear exceptionally well-qualified on the basis of CEEB scores or advanced placement work.

Other countries: Write to the admissions office for further information.

Application Deadlines

Students seeking admission to the faculties of arts, science and administrative studies are subject to the following application deadlines: North American students, August 1; non-American foreign students, May 1; all undergraduate students transferring to Dalhousie, July 1. Application dates vary for other faculties and students should write to the university for details.

Costs (1985-1986)

Tuition fees: Full-time (more than three credits) for first degree in: arts, science, commerce, education, engineering, dental hygiene, physiotherapy, nursing, pharmacy, physical education, occupational therapy $1,550; public administration, social work, $1,466; law $1,680; medicine and dentistry $1,825; graduate studies $1,570. Part-time: one class, $312; two classes, $604; three classes, $896 (with student union fees of $20, $40, and $99 respectively). In addition to tuition fees, student union and society fees are charged, varying from $100 to $250, depending on faculty.

Foreign students are required to pay a differential fee of $1,435 for returning students in the same program, $1,700 for new students or students new to program (prorated for part-time study).

An application fee of $15 is required for any program other than one in which the student is enrolled.

Residence: Room and board on campus, $1,565-$3,380 per year.

Meal plan rate: three meals per day $1,450; two meals per day $1,400.

All fees subject to change without notice.

Academic Year

Fall/Winter session: early September to early May. Summer sessions: six weeks in May and June and six weeks in July and August.

Grading System

Arts and science and administrative studies: letter grade, no numeric equivalent, pass mark, D. Dentistry: distinction, 80-100%; pass, 50-79%; pass mark, 50%; average of 55% required in first year, 60% in subsequent years. Graduate studies: pass mark, B-; thesis grading, approved, or not approved. Health professions: letter grade and grade point average = 2.0 minimum. Law: pass mark, 50%; overall average of 55% required. Medicine: distinction, 80-100%; pass, 55-79% pass mark, 55%.

Student Aid

The university offers entrance scholarships to graduating high school students on the basis of academic performance and bursaries to full-time students of the university who demonstrate financial need. Undergraduate scholarships are awarded on academic performance. Postgraduate scholarships and fellowships are awarded to new and continuing postgraduate students on the basis of academic performance. The Province of Nova Scotia offers a student loan plan. The awards office coordinates all student financial support programs and offers financial and budgetary counselling.

Student Life and Services

The Dalhousie Student Union is an incorporated body comprising all full time students who have paid their union fees of Dalhousie University. The objectives of the union are to promote the artistic, literary, educational, social, recreational, charitable and sporting activities of its members; to act as an official organization of the students of the university; and to coordinate, promote and direct the activities of the students of the university subject to the rules and regulations of the university. Students are currently represented on the Board of Directors (four members) and the University Senate (six members). The student governing body was founded in 1912.

The Graduate Student Association includes in its membership all graduate students enrolled in non-professional degree programs. Objectives of the association include the promotion of the cultural, educational and artistic education of graduate students.

The Dalhousie Student Union Building contains an enquiry desk, food, bar and office services, games room, housing office, programming and technical departments, sound service (Excalibur Sound), Grawood Lounge, meeting rooms and relaxation areas, an auditorium, advocacy service and typing services and CKDU FM station. In addition, the Student Union Building contains some University services including a conference centre, off-campus housing office, chaplaincy, counselling and psychological services, bookstore and ombud office. As well, a Canada Employment Centre and Travel CUTS offices and barbershop are located in this building.

A wide range of intercollegiate and intramural sports are supported by modern facilities including a fieldhouse floor capable of configuration for basketball, volleyball, tennis, or badminton, a weight room, an 850-foot indoor track, an Olympic-standard swimming pool, four squash courts and four handball courts. The Dalplex facility has been designed to accommodate disabled people. There are also two outdoor tennis courts, a soccer field, an outdoor all-weather track, and a skating rink.

The Dalhousie Arts Centre houses the Rebecca Cohn auditorium, the Sir James Dunn theatre, and the Dalhousie Art Gallery.

The Office of the Dean of Student Services provides a referral for all general questions. An early detection programme provides assistance for students who experience lack of progress in an academic subject or would like to discuss any aspect of the student's educational program. The Office of the Dean of Student Services coordinates student Counselling and Psychological Services, Chaplaincy, Health Services, International Student Centre, Writing Workshop, International Student Coordinator, Ombud Office and is associated with Athletics, Awards, Day Care, Residences, Off-Campus Housing, Employment Centre and the Student Union.

Traditional on campus residences include Howe Hall (525 male students) and Shirreff Hall (444 female students). Off campus accommodation is provided in Fenwick Place (co-ed residence with 500 students), Ardmore Hall (58 female students), Glengarry Apartments (52 female students) and a number of houses and apartment units, including housing for international students.

Clubs and societies in which students may participate are numerous. Some are listed here: Alpha Gamma Delta Fraternity, Arts Society, Biochemistry Student Society, Chess Club, Camera Club, AIESEC Dalhousie, Inter-Res Society, Student Pugwash and many, many more.

The International Student Association provides a meeting ground for overseas students at the university and promotes fellowship among Canadian and overseas students. Other campus organizations for overseas students include the African students society, the Dal-Chinese students society, Malaysian, Indonesian, Singaporean Students Association, and many more.

Dalhousie has its own Day Care on campus, the University Children's Centre which provides care for children from 6 months to eleven years.

An Overseas Student Co-ordinator organizes students on campus to ensure that in-coming students are welcomed on arrival, provided assistance in searching for accommodation and becoming acquainted with the campus and Halifax. The International Student Centre provides a focal point for these activities. The Dean of Student Services is also the International Student Advisor.

The Counselling and Psychological Services Centre provides assistance to students including study skill programs, career decision-making programs, the Strong Campbell Interest Inventory, job search workshops, and a career information centre. Special programs such as stress management, exam anxiety and speaking anxiety, shyness clinic and individual counselling are offered.

Religious organizations on campus include the Dalhousie Christian fellowship, Newman club (Catholic) and Dalhousie Muslim Students' Association.

The Dean of Student Services is the International Student Advisor, and is also the contact point for the Dalhousie CUSO co-ordinator.

The university operates a health service and a small infirmary. Further specialist services in a fully accredited medical centre are also available. The university operates an Ombudsman service.

The Canada Employment and Immigration Commission maintains a year-round Employment Centre in the student union building. This office provides personal employment counselling to students and current information on careers. Over 100 employers visit the campus annually, usually between mid-October and mid-December, and conduct personal interviews with students. Information and interviews for summer employment are available in January, February and March of each year. Notices of job opportunities are posted on employment bulletin boards throughout the university.

Research Institutes

Applied Microelectronics Institute. Director: D. Pincock, BSc, MSc, PhD

Atlantic Institute of Biotechnology. Director: R. Bidwell, BSc, BA, MA, PhD

Atlantic Institute of Criminology. Director: R.C. Kaill, BA, MDiv, MA, PhD

Atlantic Region Magnetic Resonance Centre. Director: W.A. Aue

Atlantic Research Centre for Mental Retardation. Director: M.W. Spence, MD, PhD

Canadian Centre for Marine Transportation. Director: J. Gratwick, BSc

Centre for African Studies. Director: T.M. Shaw, BA, MA, PhD

Centre for Foreign Policy Studies. Director: R. Boardman, BSc, PhD

Centre for Regional and International Development Projects. Director: D. Cherry, BCom, MBA, CMA

Centre for International Business Studies. Director: A.M. Rugman, BA, MSc, DBA

Centre for Marine Geology. Director: J.M. Hall, BSc, PhD

Centre for Research in Sensory Psychology and Medical Physics. Director: D.M. Regan, BSc, MSc, DIC, PhD, DSc

Dalhousie Ocean Studies Programme. Director: E. Gold, BA, LLB, PhD, FNI, MCIT, MRIN

Institute for Resource and Environmental Studies. Director: A.J. Hanson, BSc, MSc, PhD

Institute of Public Affairs. Acting Director: M. Cross, BA, MA, PhD

Institute of Oceanography. Director: A.S. Bowen, MA, PhD

Lester B. Pearson Institute for International Development. Director: T.M. Shaw, BA, MA, PhD

Trace Analysis Research Centre. Director: D.E. Ryan, BSc, MA, PhD DIC, DSc

Associated Universities

University of King's College, Halifax, Nova Scotia. See separate entry.

Mount Saint Vincent University, Halifax, Nova Scotia. See separate entry.

Technical University of Nova Scotia, Halifax, Nova Scotia. See separate entry.

Collège dominicain de philosophie et de théologie*

Renseignements généraux

Adresse: 96, avenue Empress, Ottawa (Ontario) K1R 7G2
Téléphone: (613) 233-5696
Régent des études: G.-D. Mailhiot, OP, BA, MST, SSL, Dipl'Ecbibl
Pour la liste complète des membres du corps professoral du Collège, prière de vous reporter à l'annuaire de celui-ci.

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au registraire, Lorraine Caza, BA, MA(Th), DiplTh.(Pc), MS(Math), LT, PhD(Th)

Inscriptions (1985-1986)

1er cycle à temps plein:	90
1er cycle à temps partiel:	279
2e et 3e cycles à temps plein:	12
2e et 3e cycles à temps partiel:	11

Professeurs à temps plein (1985-1986): 21

Revenu total (1982-1983): Tout le budget d'immobilisation et un faible pourcentage du revenu d'exploitation viennent de l'Ordre des Dominicains, qui possède et exploite le Collège. Le reste du revenu d'exploitation consiste en frais de scolarité et en subventions du gouvernement de la province.

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$116,950	18.3%
Frais de scolarité	209,405	32.8%
Divers	313,021	48.9%
Total partiel	$639,376	100%

Revenus d'autres sources: Données non-disponibles

Les données représentent un pourcentage du revenu général de fonctionnement et non l'ensemble du revenu.

Historique et gouvernement

Le Collège dominicain de philosophie et de théologie existe depuis 1900, à Ottawa. Le 12 juin 1909, l'Ordre des Frères Prêcheurs le reconnaissait comme studium général de la province Saint-Dominique du Canada. Durant la même année, le 31 mars 1909, le Collège était incorporé civilement dans la province de l'Ontario et, par les lettres patentes supplémentaires en date du 6 octobre 1967, il devenait le Collège dominicain de philosophie et de théologie. Le 26 juin 1965, la Congrégation romaine des universités érigeait le département de théologie en Faculté universitaire pontificale. Le 22 mars 1967, le Collège dominicain se voyait octroyer une charte civile universitaire. Le Conseil d'administration du Collège, composé de dix membres, établit les règlements concernant l'administration de chaque département, contrôle l'administration financière du Collège et approuve les projets d'intérêt majeur pour le développement du Collège. Le Sénat assure la promotion de l'enseignement et de la recherche.

Terrains et bâtiments

Le Collège est situé dans la ville d'Ottawa et met une bibliothèque spécialisée à la disposition de ses étudiants. Le département de théologie pastorale est situé à proximité du campus de l'Université de Montréal.

Bibliothèque

La bibliothèque spécialisée met 85,000 volumes et 500 périodiques à la disposition des professeurs et des étudiants.

Programmes et grades

Au premier cycle, le programme offre des cours (6 crédits) et demi-cours (3 crédits). Une année régulière comporte un maximum de 5 cours.

Trois crédits représentent d'ordinaire trois heures de cours par semaine pendant un trimestre. Six crédits équivalent habituellement à trois heures de cours par semaine pendant deux trimestres ou à six heures de cours par semaine pendant un trimestre. Il arrive qu'on accorde des crédits supplémentaires pour les travaux en laboratoire ou pour un cours particulièrement exigeant.

Au second cycle, les cours sont de 4 crédits et les demi-cours, de 2 crédits.

On trouvera des détails sur les programmes au chapitre **Grades et Diplômes.**

Philosophie

Grades civils
Baccalauréat avec concentration en philosophie [BA(Ph)] Deux ans après la première année de la faculté des arts ou l'équivalent.
Baccalauréat en philosophie (BPh) Trois ans après le DEC avec concentration en philosophie ou le programme de philosophie équivalent dans une faculté des arts.
Baccalauréat ès arts avec spécialisation conjointe en philosophie et en théologie (BASpPh) Trois ans après la première année des arts ou le Diplôme d'études collégiales (DEC).
Maîtrise ès arts en philosophie [MA(Ph)] Un an après le BPh. Mémoire.
Chaque département offre un certificat d'études décerné après l'obtention de 30 crédits du programme organisé.

Théologie

Grades civils
Baccalauréat en théologie (BTh) Trois ans après le DEC ou l'équivalent.
Maîtrise en théologie (MTh) Deux semestres après le BTh. Mémoire.
Maîtrise ès arts en théologie [MA(Th)] Quatre semestres après le BTh. Mémoire.
Doctorat de philosophie en théologie [PhD(Th)] Deux ans après la MTh. Thèse.
Grades canoniques
BTh, LT, Doctorat en théologie.

Pastorale (Institut de Pastorale, 2715, chemin de la Côte-Sainte-Catherine, Montréal (Québec), H3T 1B6)
Grades civils
Baccalauréat en études pastorales (BEP) Un an après le DEC et deux certificats d'études pastorales ou l'équivalent.
Baccalauréat en théologie pastorale (BThpast) Un an après le DEC et 60 crédits d'études théologiques ou l'équivalent.
Maîtrise professionnelle en pastorale (MProfpast)
Un an après le BTh ou le BThpast.
Maîtrise en théologie pastorale (MThpast) Un an après le BTh ou le BThpast. Mémoire.

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* Membre ordinaire de l'AUCC

Éducation permanente

Le Collège offre des cours du soir et le samedi. Pour obtenir des renseignements sur les cours offerts, prière de communiquer avec le registraire du Collège.

Conditions d'admission

Étudiants canadiens et étudiants étrangers

Département de philosophie: Le candidat doit avoir complété une année dans une faculté des arts ou des études équivalentes.

Faculté de théologie: Le candidat doit détenir un baccalauréat ès arts (BA) ou avoir fait des études collégiales qui le rendent admissible aux facultés de théologie des universités canadiennes.

Maîtrise en théologie et maîtrise ès arts en théologie: Le candidat doit détenir un baccalauréat en théologie (BTh) ou avoir fait des études jugées équivalentes; il doit avoir une bonne connaissance de deux des langues suivantes; latin, grec ou hébreu, et aussi de deux des langues suivantes: français, anglais ou allemand.

Les étudiants étrangers doivent produire des diplômes équivalents à ceux requis au Canada pour l'inscription au degré qu'ils postulent.

Doctorat en théologie: Le candidat doit détenir une maîtrise en théologie (MTh) ou une maîtrise ès arts (MA) en théologie, ou avoir fait des études jugées équivalentes.

Demandes et délais

Les candidats doivent soumettre leur demande d'admission avant le 1er août pour le trimestre d'automne, avant le 1er décembre pour le trimestre d'hiver et avant le 10 juin pour la session d'été.

Frais (1986-1987)

Droits de scolarité: Étudiants à plein temps, $972; étudiants à temps partiel, $36 par crédit, étudiants en rédaction de thèse ou de mémoire de recherche,$75; étudiants libres, $36.

(Un étudiant à temps plein est celui qui s'inscrit à 10 crédits par semestre).

Frais d'inscription: $10 (étudiants réguliers); $5 (étudiants à temps partiel).

Cotisation à l'association des étudiants: $25 par an.

Tous les droits sont sujets à changement sans préavis.

Année universitaire

Deux sessions régulières: du début de septembre au milieu de décembre, du début de janvier au début du mois de mai. Le Collège offre également une session d'été.

Système de mentions

85 p. 100, excellent; 80 p. 100, très bien; 70-79 p. 100, bien; 60-69 p. 100, satisfaisant; 50-59 p. 100, passable; moins de 50 p. 100, échec.

Aide aux étudiants

Les étudiants dont les parents résident dans la province de Québec peuvent bénéficier des prêts et bourses du gouvernement de cette province tandis que les étudiants laïques de la province d'Ontario peuvent bénéficier des prêts du service d'aide aux étudiants du ministère de l'Éducation du gouvernement de l'Ontario.

Vie étudiante et services aux étudiants

Les étudiants sont groupés en une association (AECDO) dont le Comité directeur a pour fonction d'entretenir des rapports avec la direction et le conseil des professeurs, d'informer les étudiants, d'organiser des activités parascolaires et de participer à tout ce qui peut promouvoir le bien commun du Collège.

Les étudiants peuvent participer à la prière communautaire et prendre le repas du midi et (ou) du soir au couvent des Dominicains.

Le couvent des PP. dominicains peut accueillir un certain nombre d'étudiants. De plus, le Collège donne à ceux et celles qui le demandent les indications pour trouver un logement dans le voisinage du Collège.

University of Guelph*

General Information

Address: Guelph, Ontario N1G 2W1
Telephone: (519) 824-4120
Telex: 06956540

President and Vice-chancellor: B.C. Matthews, BSA, AM, PhD, DU, LLD

For a complete list of University of Guelph faculty, see the Guelph calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, A.G. Holmes, BSA

Assistant Registrar, Liaison: Cheryl Hemstreet

Enrolment (1985-1986):

Full-time undergraduate:	10,308
Part-time undergraduate:	1,471
Full-time graduate:	924
Part-time graduate:	167

Full-time faculty (1985-1986): 702

Total income (1984-1985): $162,557,000

General operating funds income	('000)	
Government grants	$ 69,846	42.9%
Fees	18,285	11.3%
Miscellaneous	7,707	4.7%
Sub Total	$ 95,838	58.9%
Other funds income		
Ancillary enterprises	$ 18,076	11.2%
Special purpose and trust	19,080	11.7%
Sponsored research	23,626	14.5%
Miscellaneous	5,937	3.7%
Sub Total	$ 66,719	41.1%
TOTAL	$162,557	100%

History and Governance

The University of Guelph was established by an act of the Ontario legislature in May 1964. At that time, the Ontario Agricultural College, founded in 1874, the Ontario Veterinary College, established in 1862, and the Macdonald Institute of home economics, founded in 1903, became part of the university. Prior to 1964, the three institutions operated as federated colleges of the Ontario department of agriculture and were affiliated to the University of Toronto. Wellington College and the faculty of graduate studies were created in 1964.

In 1970 the senate restructured the colleges and schools to deal with the rapid growth and development of the university. The university now consists of seven colleges (Ontario Agricultural College, Ontario Veterinary College, College of Family and Consumer Studies, College of Arts, College of Biological Science, College of Physical Science and College of Social Science) and five schools (School of Agricultural Economics and Extension Education, School of Human Biology, School of Engineering, School of Landscape Architecture, and a School of Hotel and Food Administration).

The University of Guelph is non-denominational and co-educational. It is administered by a 24-member board of governors and a senate of approximately 150 members.

Buildings and Grounds

The 1,100-acre campus is situated within the Guelph city limits (population 74,000). In addition to some 25 teaching and research buildings, there are a main library, a university centre, a physical education building, a stadium, seven licensed dining halls, six fast-food shops, and a coffee shop. There are nine student residence buildings and married student townhouses. An arboretum is located on the eastern section of the campus.

The University of Guelph is striving to make its campus totally accessible to physically handicapped students. At present, one co-ed residence building has been adapted. Special washrooms have been constructed, and ramps have been added to a number of buildings.

The university operates agricultural research stations in the towns of Elora, Cambridge and Arkell. The stations are financially supported by the Ontario Ministry of Agriculture and Food.

Libraries

The university library collection of over 1,000,000 volumes is housed in the McLaughlin library and in a branch library in the Ontario Veterinary College. The McLaughlin Library is prepared to meet many needs of the handicapped student - including the visually impaired.

Programs and Degrees

Bachelor's programs require eight semesters from senior matriculation unless otherwise specified. Master's degrees require minimum two semesters from honours bachelor's degree or equivalent unless otherwise specified. Doctoral programs require minimum five or seven semesters from recognized master's or honours bachelor's degree respectively.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Agricultural science
Bachelor of science in agriculture [BSc(Agr)]
Master of science (MSc)
Doctor of philosophy (PhD)

Arts
Bachelor of arts (BA) General program, with major or general studies, six semesters from senior matriculation. Honours program, eight semesters from senior matriculation.
Master of arts (MA)
Doctor of philosophy (PhD)

Engineering
Bachelor of science in engineering [BSc(Eng)]
Master of science (MSc)
Doctor of philosophy (PhD)

Family and consumer studies
Bachelor of applied science (BASc)
Master of science (MSc)
Doctor of philosophy (PhD)

Hotel and food administration
Bachelor of commerce (BCom)

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*Ordinary member, AUCC

Human kinetics
Bachelor of science in human kinetics [BSc(HK)]
Master of science (MSc) Minimum three semesters from honours bachelor's degree or equivalent.

Landscape architecture
Bachelor of landscape architecture (BLA)
Master of landscape architecture (MLA) Minimum four semesters from BLA, six semesters from bachelor's degree, or equivalent.

Science
Bachelor of science (BSc) General program, six semesters from senior matriculation. Honours program, eight semesters from senior matriculation.
Master of science (MSc)
Doctor of philosophy (PhD)

Veterinary medicine
Doctor of veterinary medicine (DVM) Eight semesters following minimum four semesters science at acceptable university level. Professional program. Intern/residency program (graduate diploma) Three semesters (One calendar year) from DVM or equivalent.
Master of science (MSc) Minimum two semesters from honours bachelor's degree or other first degree or equivalent.
Doctor of philosophy (PhD)
Doctor of veterinary medicine (DVSc)

General studies
Not proceeding towards a specific degree or diploma at the university although courses taken are regular degree or diploma credit courses. Candidates must be 21 years of age.

Special programs
Arts and science program offered on continuous year-round system of three semesters. In addition, agricultural science and family and consumer studies use modified form of the trimester system. Students in arts, science and some other degree programs commence university in September, January, and May each year. Ontario year five (grade 13) students may enter in May without completing year five (grade 13.)

Continuing education
Courses in arts, social sciences and languages are available to the public. Since the courses are not credited towards a degree, there are normally no admission requirements, prerequisites or final examinations. Information on course offerings is issued monthly by the coordinators of continuing education and the colleges of arts and science.

Several highly specialized courses are available to graduates of the Ontario Agricultural College. The college also sponsors courses of interest to the general public both on and off campus. A list of courses is published bimonthly by the coordinator of agricultural extension.

Professional development: The Ontario Veterinary College, in conjunction with the OVC alumni association and the Ontario Veterinary College, sponsors lectures, seminars and clinics for graduate veterinarians.

The college of family and consumer studies offers professional development courses in a number of areas.

Correspondence courses: Approximately eighty correspondence courses are available in agriculture, horticulture and food science. Among these are a three-year program leading to a Ontario diploma in horticulture and a one-year course in home gardening. Further information may be obtained from the director of correspondence study in the Office of Continuing Education.

Admission Requirements

Undergraduate
Ontario: Secondary school honour graduation diploma (six credits of year five, grade 13-level courses) or equivalent; 6 percent minimum overall average required. Principal's report and recommendation with school record.
Other provinces: Students must present certificates of equivalent standing. Alberta, Manitoba, New Brunswick, Nova Scotia, Saskatchewan, British Columbia: grade 12, Prince Edward Island and Newfoundland: grade 11 plus an additional year of formal study in subjects comparable to Ontario year five. Quebec: senior high school leaving certificate plus 12 credits from an appropriate CEGEP program.

Mature students
Candidates, 21 years of age and older in first month of session to which admission is sought, who cannot meet normal requirements may request specific consideration.

Senior citizens
Tuition fees are waived for students aged 65 or more.

Graduate
First degree with second-class honours from recognized university and in a university program acceptable to faculty of graduate studies.

Foreign Students
Certificates evaluated for equivalence to those required by Canadian students. For applicants whose first language is not English, results from the Test of English as a Second Language (TOEFL) are required. (Minimum score: undergraduate 575, graduate 550).

England, West Indies and East and West Africa: GCE with either four subjects (at least three at A-level) or five subjects (at least two at A-level). [Evidence of proficiency in English is required; satisfactory scores on University of Michigan English language test, certificate of proficiency in English from University of Cambridge or TOEFL acceptable.]

Other: Candidates submitting international baccalaureate considered for admission.

Application Deadlines

For degree programs in veterinary medicine, landscape architecture and the associate diploma in agriculture program, applications for the fall semester must be submitted by April 1. For all other programs, applications for the spring semester must be submitted by March 22, for fall semester by August 1, and for winter semester by December 1. The university cannot guarantee that applications received after these dates will be considered.

Costs (1985-1986)

Tuition: Full-time undergraduate per semester: fees range from $590 (arts) to $659 (engineering). Associate diploma in agriculture, $180 per semester. Part-time undergraduate: $121 per course. Full-time graduate: $447 per semester. Part-time graduate: $297 per semester. Other fees: $55.10 per semester. Visa students: undergraduate, $2083/$3396 per semester(depending on degree program); graduate, $2,430 per semester and $1620 part-time.

Residence: $1,660 single, $1,520 double, two semesters, plus compulsory meal contract; $580 to $640 per semester. Married student townhouses $380/month furnished, $370/month unfurnished.

Health service fee: $8.20, married students $15.27.

Student fees: Undergraduate fees determined by program range from $18.50 (arts and social science) to $22 (Ontario Veterinary College). Fees do not apply to part-time students. Graduate Student Association: $6.50 full-time, $4.50 part-time.

All fees subject to change without notice.

Academic Year

Commences with the spring semester. Spring semester: early May until early August. Fall semester: early September until end of December. Winter semester: early January until late April.

Grading System

First-degree honours programs: distinction, cumulative average of 80-100% on all courses attempted; honours, cumulative average of 70-79%. Standing in individual courses graded as follows: A, 80-100%; B, 70-79; C, 60-69%; D, 50-59%. Graduate studies: A, 80-100%; B, 70-79%; C, 60-69%; minimum B average required.

Student Aid

Numerous scholarships and bursaries are available to students entering undergraduate programs, with the majority applicable to Ontario residents. Scholarships, fellowships and research, service and teaching assistantships are available for graduate studies.

Student Life and Services

Student government at the university consists of the seven college councils which represent the particular interests of students registered in each of the university colleges, and the Central Student Association which represents the common interests of all full-time undergraduate students. The councils and the association are independent organizations financed by student monies and electorally responsible to the students they represent. They are financially accountable to the student body through the provision of an annual public financial report.

The graduate student association represents graduate students in all matters pertinent to their welfare; acts as liaison between graduate students and the faculty, administration, and undergraduate students of the university; promotes social cultural activities and service programs for the membership; and provides a communicative link with the graduate students of other universities.

All students are represented on the senate and on the board of governors.

The department of athletics offers a number of men's and women's sports at the intercollegiate level as well as varying degrees of competition at the intramural level with men's, women's and co-ed leagues.

Also, instructional programs cover a wide range of sports ranging from dance to scuba. Facilities for recreational use are also available, including tennis, squash and badminton courts as well as a swimming pool and a hockey rink.

Each student entering the university for the first time is required to submit a medical form completed by the student. A medical clinic has been established in Macdonald Hall to provide a comprehensive preventive medicine and treatment program. Travel and rabies immunization are made available to both students and staff as well as routine maintenance immunization. Four physicians are available on a daily basis for medical care throughout the year. The clinic is open 24 hours per day with registered nurses available on the evening and night shifts who have access to a physician on-call system. A four bed infirmary is available for 24-hour monitoring as necessary. The facilities are available to students, staff, faculty and their families.

The medical clinic accepts all provincial health plans, private insurance coverage, government agency payment and direct billing where applicable.

The Counselling and Student Resource Centre offers the following services for students: personal and psychological counselling; advice and assistance to international students; study skills programs and instruction; educational, career and employment counselling; placement services; religious programs and advisement; information and programs in a variety of areas including women's concerns, leadership skills, health awareness and interpersonal skills. The centre has also prepared a brochure entitled "Campus Facilities to Aid the Handicapped" and is the main source of information for disabled students. (824-4120, ext.3244)

Programs and services are offered through four major service delivery areas including: Counselling Services, Career Services, Program Development and the Resource Area. Students are encouraged to take advantage of all available programs and services as an integral part of their university experience.

The Department of Residences at the University of Guelph views residence as a place to study, develop friendships and become involved in university activities. A variety of accommodation is available - single sex male and female residences, or coeducational residence halls including one made up of self-contained suites. Buildings range in size from those housing 50 people to a unique residence complex which houses 1,650 students in small living units. The University of Guelph also has several unique Living/Learning Centres - residences with a theme: La Maison Française, Arts House and International House. All essential services are provided - basic furnishing, a telephone in each room, linen, lounges, study rooms, and laundry facilities. Accommodation is available for married students and their children in the two-bedroom townhouses at Wellington Woods, a secluded area close to campus. Listings of various types of accommodation available in the Guelph area are maintained by the Off Campus Housing Office.

The campus bookstore, which is operated by the Guelph Campus Cooperative, stocks texts, general interest books, and a full complement of stationery and supplies.

Research Institutes

The Centre for International Programs. Director: Archie MacKinnon, BA(Hon), MEd, PhD

Institute of Computer Science. Director: R.E.A. Mason, BSc, DIP, PhD

University School of Rural Planning and Development. Director: M.B. Lapping, BS, PhD

Huron College*

General Information

Address: London, Ontario N6G 1H3
Telephone: (519) 438-7224
Acting Principal: Frederick W. Burd, BA, MA

For a complete list of Huron College faculty, see Huron College calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, Catharine Ridley.

High school liaison: Donald Cox, BA

Enrolment (1985-1986):

Full-time undergraduate:	594
Part-time undergraduate:	37
Full-time graduate: (M.Div.) (Faculty of Theology-1st Professional Degree)	50
Part-time graduate: (M.Div.) (Faculty of Theology-1st Professional Degree)	16

Full-time faculty (1985-1986): 41

Total income (1985-1986): $4,190,000

General operating fund income

	('000)	
Government grants	$ 1,810	43.2%
Fees	846	20.2%
Gifts	85	2.0%
Miscellaneous	33	0.8%
Sub Total	$ 2,774	66.2%
Other funds income		
Ancillary enterprises	$ 1,186	28.3%
Special purpose and trust	230	5.5%
Sub Total	$ 1,416	33.8%
TOTAL	$ 4,190	100%

History and Governance

Huron College, the founding college of The University of Western Ontario, was established in 1863. As a result of its academic affiliation with The University of Western Ontario, students can take courses taught both at the college and at the university and have access to all academic and social resources of the university. Degrees are conferred by the university through Huron College. In 1980, the college became a fully accredited member of the American Association of Theological Schools.

Huron College is an undergraduate co-educational, residential liberal arts and theological college. The board of governors consists of thirteen members, and the college comes under the senate of The University of Western Ontario.

Buildings and Grounds

Huron College is located in London, Ontario, a city of approximately 220,000. The forty-six acre college campus is situated adjacent to the campus of The University of Western Ontario. There are a number of ramps, as well as a small lift, to facilitate access to buildings for physically handicapped students.

Library

The library hold 130,000 volumes and the collection grows at a rate of 500 volumes per month. Braille and volunteer readers are available for visually impaired students.

Programs and Degrees

From Ontario grade 13 graduation, general bachelor's degrees require three years (15 credits) of study and honours bachelors' degrees require four years (20 credits) of study unless otherwise specified.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts and social science

Bachelor of arts (BA)

Business administration

Only the first two years of this honours program are offered at the college. Students complete their third and fourth years at the University of Western Ontario's school of business administration.

Theology

Master of divinity (MDiv) Three years beyond a bachelor's degree from a recognized university.

Admission Requirements

Undergraduate

Ontario: A minimum of six credits at the Ontario grade 13 level or its equivalent with an average of not less than 75 per cent for admission to the faculty of arts or social science. These six grade 13 credits must include: one credit in English; one credit in French or a foreign language or mathematics; one credit each in two of biology, chemistry, English, French, foreign languages, geography, history, mathematics, music, and physics; at least two other credits from subject areas specified above or from those approved by the Ministry of Education at the grade 13 level. A student must have credit in at least four different subject areas.

Other provinces: Students are eligible for admission on the basis of senior matriculation, if their academic record meets in subject matter and standing both the minimum requirements for admission to their home universities and the requirements for admission to Huron College. The following are considered as senior matriculation. Alberta, British Columbia, Manitoba, New Brunswick and Saskatchewan: grade 12. Nova Scotia: grade 12 or first year at Nova Scotia universities after junior matriculation. Prince Edward Island: first year at the UPEI. Newfoundland: first year at Memorial University. Quebec: completion of first year CEGEP, general program.

Mature students

Applicants must be 21 years of age and have been away from formal education for at least two years. Students must be Canadian citizens or landed immigrants at the time of application. Applicants must submit a letter to the admissions committee outlining activities since leaving secondary school to the present. An interview is required.

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* Ordinary member, AUCC. Affiliated to The University of Western Ontario

Senior citizens
Applicants aged 60 and over are not required to pay tuition fees, and are subject to the same admission requirements as mature students.

Foreign Students
Students whose first language is not English are required to pass the Test of English as a Foreign Language (TOEFL) - Minimum score: 560.

Africa and Asia: Applicants must submit qualifications as outlined under the United Kingdom and Commonwealth when these educational systems are available. Otherwise, see Central and South America.

Central and South America: Applicants must submit a satisfactory senior matriculation diploma, along with an official transcript which indicates acceptable completion of at least first year from an accredited university in their country.

Europe: Applicants who have completed a matriculation diploma, which will permit entrance to an accredited university in their country, may be reviewed for admission.

India and Pakistan: Applicants must submit a BA or BSc degree from an accredited Indian University in either first or second division.

Middle East: Applicants must submit a satisfactory senior matriculation diploma, along with an official transcript which indicates acceptable completion of first year from an accredited university in their country.

United Kingdom and Commonwealth: Applicants must submit either: five GCE passes of which two must be at the A-level or four general GCE passes of which three must be at the A-level.

A-level passes must meet the following conditions: average of D or better; satisfy specific program requirements; subjects offered must be different (i.e. physics and chemistry); and an A-level pass will not be accepted if the same subject is offered at the O-level and is to be included in the five/four passes to be used as a basis of admission.

Australia and New Zealand: Applicants must submit a matriculation certificate from a university at an acceptable level.

USA: Students must have grade 12 with first class standing or one year at junior college or university.

Costs (1986-1987)

Tuition: Full-time: (more than 3 courses) $1,242 (theology); $1,403 (arts). Part-time: $248 per course (theology); $292 per course (arts). Foreign students pay a differential fee in addition to the regular tuition fee.

Residence: $3,100, complete room and board.

All fees subject to change without notice.

Academic Year

Winter session: mid-September to first week in May.

Grading System

Same as The University of Western Ontario.

Student Life and Services

The Huron College student council and The University of Western Ontario student services are responsible for extracurricular activities. Residence accommodation is provided for 219 men and 129 women. Huron College has a resident nurse, and students have access to The University of Western Ontario health services. The college has a chaplain and warden in residence. Counselling is available at all times through the office of the dean and registrar. Handicapped students should direct queries, related to access and services, to the registrar. The bookstore is located on the university campus and services all of the colleges.

University of King's College*

General Information

Address: Halifax, Nova Scotia B3H 2A1
Telephone: (902) 422-1271
Telex: 091-21591

Principal: J.F. Godfrey, BA, MPhil, DPhil

For a complete list of University of King's College faculty, see the University of King's College calendar or the *Commonwealth Universities Yearbook.*

Enquiries and high school liaison: Direct general correspondence to the Registrar, H. Roper, MA, PhD

Enrolment(1985-1986):

Full-time undergraduate:	530
Part-time undergraduate:	11

Full-time faculty (1985-1986): 17

Total income (1984-1985): $2,939,086

General operating fund income

	('000)	
Government grants	$ 1,468	49.9%
Fees	159	5.4%
Miscellaneous	532	18.1%
Sub Total	$ 2,159	13.4%
Other funds income		
Ancillary enterprises	$ 721	24.5%
Special purpose and trust	59	2.1%
Sub Total	$ 780	26.6%
TOTAL	$ 2,939	100%

History and Governance

The University of King's College was established in 1789 by an act of the provincial legislature. Teaching began that year at Windsor, Nova Scotia and the first degrees were probably awarded in 1802 or 1803. Following a fire in 1920, the university was re-established in Halifax in 1923. The university became associated with Dalhousie University, and under the terms of this association, holds in abeyance its power to grant degrees, except in divinity and other faculties not forming a part of Dalhousie. In arts and science, the two staffs are for the most part combined. King's also retains complete control over present endowments, administration of residences and all internal matters.

Buildings and Grounds

The University of King's College is situated on five acres of land on the Dalhousie University campus in Halifax (metropolitan population 267,991). The principal building houses the offices of administration, classrooms and the library. In addition, there are the president's lodge, a dining hall, a chapel, a large recreation hall, a gymnasium and a swimming pool.

Library

The library was founded in 1789. It now has about 75,000 volumes, principally in the humanities and theology. It is especially strong in English literature which is aided by the Dr. J. Burns Martin Memorial Fund; in Canadiana supported by the William Inglis Morse Endowment; and in theology, philosophy and history. The Honourable W.J. Almon Memorial Fund and the Dr. T.H. Hunt Memorial Fund (a gift of the alumni) aid in the purchase of books.

Special collections: Over the years the library has received many valuable and interesting gifts. Many of the forty incunabula in the collection were among a gift of books from T.B. Akins in 1872. The manuscript collection is small but it contains a number of illuminated medieval manuscripts. There is also a fine collection of United Empire Loyalist china given the university in 1881. Among the other interesting non-book items is a cuneiform tablet, date c.880 B.C. given in 1873, and swords that belonged to Sir John E. Inglis and Sir William Fenwick Williams, two noted Nova Scotians.

Programs and Degrees

For detailed information on programs, see **Degrees and Diplomas** chapter.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

Arts

Bachelor of arts (BA) General and honours. Offered through Dalhousie University.

Divinity

King's holds in abeyance powers to grant degrees in divinity given its cooperation in the Atlantic School of Theology. It continues to grant degrees in divinity on the recommendation of the General Synod of the Anglican Church.

Associate in theology (ATh) On recommendation of board of examiners of General Synod, Anglican Church of Canada.

Bachelor of divinity (BD) Three years from BA on recommendation of board of examiners of General Synod, Anglican Church of Canada.

Master of sacred theology (MST) Two years from bachelor's degree.

Journalism

Bachelor of journalism (BJ) One year program to students holding a bachelor's degree

Bachelor of journalism (honours) [BJ(Hon)] Offered as a four-year program to students entering from high school.

Science

Bachelor of science (BSc) General and honours. Offered through Dalhousie University.

Special program

King's, in association with Dalhousie University, offers a foundation year program designed for entering first-year students who wish to pursue studies in humanities and social sciences leading to BA or BSc without disciplinary or subject concentration in first year. Designed as integrated program of studies focusing attention on development of institutions and ideas in Western societies. Students can develop choice of greater specialization for subsequent years. Successful completion will result in four credits towards BA or three towards BSc.

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*Ordinary member, AUCC. Associated with Dalhousie University.

Continuing education
Full-term evening course in journalism. Academic requirements waived making both programs available to citizens in community as well as registered students. Course commences in October.

Admission Requirements

Undergraduate
Canadian and visa students: For admission to the arts and science programs, see the University of Dalhousie entry. For admission to journalism, consult the University of King's College calendar.

Application Deadlines

The last date for receipt of applications for arts and science is normally August 1. The final date for receipt of applications for journalism is normally April 15.

Costs (1985-1986)

Tuition: Full-time (three credits or more) arts and science, $1,471. Part-time (less than three credits), $312 per class. Full-time journalism, $1,510. Visa students pay a $1,700 differential fee in addition to the regular tuition fees.

Incidental fees: Approximately $300.
Residence: Room and board $3,160 - $3,466
Student fees: $93 (compulsory).
All fees subject to change without notice.

Academic Year

Winter session: mid-September to early May.

Grading System

A+, A, A—, B+, B, B—, C+, C, C—, D.

Student Aid

A wide range of scholarships, bursaries and prizes are offered. Information on scholarships is available from the registrar.

Student Life and Services

The Students' Union is the organization through which students enjoy their right of self-government and through which they endeavor to play a role in all aspects of university life. The main organs of the union are its executive, the Students' Council, and the Student Assembly.

Alexandra Hall, the women's residence, will accommodate 121 students. There is also separate accommodation for 124 men in various buildings on campus.

There is an athletic association for men and women, a dramatic and choral society and debating and literary societies.

Health services and a small in-patient infirmary are provided for students. Further specialist services in a fully accredited medical centre are available by agreement with Dalhousie University. In addition, Dalhousie counselling services are available to King's students.

Opportunities exist for students to earn part of their college expenses by working in the library, gymnasium and dining hall. A year-round Canada Manpower Centre is maintained on campus to assist students in obtaining employment.

Research Institute

Institute for Pastoral Training. Secretary: Rev. Dr. F.R. Hatton.

Associated Institution

Atlantic School of Theology, 640 Francklyn Street, Halifax, Nova Scotia B3H 3B5 Telephone, (902) 423-6939. Co-educational theological school combining the resources of former Anglican, Roman Catholic and United Church institutions (King's, Holy Heart Theological Institute and Pine Hill Divinity Hall). Founded in 1971, the purpose of the school is to prepare students for ordination in the above denominations and to provide opportunities for theological study for interested persons. President: Rev. Dr. G.R. Hatton, BA, STB, STM, PhD

King's College*

General Information

Address: 266 Epworth Avenue, London, Ontario N6A 2M3
Telephone: (519) 433-3491
Telex: 024-691

Principal: J.D. Morgan, BA, MA, PhD

For a complete list of King's College faculty, see the King's College calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Acting registrar, J.V. Calla, BA, MA

Secondary school liaison officers: Catherine Beatty, BA. Caroline O'Connor, BA

Enrolment (1985-1986):

Full-time undergraduate:	1,325
Part-time undergraduate:	209

Full-time faculty (1985-1986): 53

Total income (1985-1986): $6,599,000

General operating fund income	('000)	
Government grants	$ 3,527	53.4%
Fees	1,683	25.5%
Miscellaneous	125	1.9%
Sub Total	$ 5,335	80.8%
Other funds income		
Ancillary enterprises	$ 1,007	15.3%
Special purpose and trust	257	3.9%
Sub Total	$ 1,264	19.2%
TOTAL	$ 6,599	100%

History and Governance

The College of Christ the King, an arts college for non-clerical students, was established in 1955. Its graduates received their degrees from The University of Western Ontario through an existing St. Peter's Seminary College of Arts affiliation. In 1966 the affiliation agreement with the university was transferred to King's College. All faculty appointed to and courses given by the college are approved by the university senate and the degrees conferred on all students are those of the university. The principal of the college is an ex-officio member of the university senate. The college is under the governance of a 22-member board of directors. A college council, consisting of all full-time administrators and faculty, is the academic policy-making body of the college.

King's College is a co-educational undergraduate college of liberal arts and social sciences. It is sponsored by the Roman Catholic diocese of London and is open to students of all beliefs.

Buildings and Grounds

King's College is located in London (population 280,000) two blocks from The University of Western Ontario. An inter-lecture bus service operates between the college and the main campus, allowing for an integration of courses from various parts of the university. The two principal buildings house faculty, student and administration offices, seminar rooms, classrooms, a chapel, a cafeteria, lounges, the library and a women's residence.

Library

The college library houses some 75,000 volumes and subscribes to over 600 periodicals. King's students, as members of the University of Western Ontario community, have full use of the libraries at Western. The theology department of St. Peter's Seminary provides further course and library facilities available with some restrictions to King's College students.

Programs and Degrees

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General program, three years (15 credits) from senior matriculation in liberal arts and social sciences. Honours program four years (20 credits) from senior matriculation.

Social work

Bachelor of social work (BSW) Four years beyond senior matriculation.

Special programs

From time to time the college offers special programs supplementary to the large number offered by The University of Western Ontario.

Continuing education

Social work and religious studies courses are offered at the college during intersession and summer session as part of The University of Western Ontario summer program. Courses are available to the community through the continuing education program of the college.

Admission Requirements

Undergraduate

Same as for The University of Western Ontario. See separate entry. For admission to the bachelor of social work program, a minimum average of 70 per cent is required in the first year at university in addition to an acceptable departmental interview.

Costs (1985-86)

Tuition fees: Full-time (more than 3 courses) $1,215 per year. Part-time (3 courses or less) $254 per course. Foreign student full-time fee: $4,331.10.

Residence: Room and board, winter session, $3,340. Seven day meal plan is included in residence fee.

Activity fee: $164.10.

All fees subject to change without notice.

Academic Year

Winter session: mid-September to mid-May.

Grading System

Same as that of The University of Western Ontario. See separate entry.

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* Ordinary member, AUCC. Affiliated with The University of Western Ontario.

Student Aid

King's College offers a number of entrance and continuing scholarships. Students should make enquiries upon application for admission.

Student Life and Services

The principal building on campus provides accommodation for approximately 100 women while additional residence accommodation is provided in three separate buildings for 56 women and 134 men.

For information on off-campus housing, contact the Off-campus Housing Office of The University of Western Ontario.

Student services include a chaplaincy and psychological counselling. College students also have access to all services and facilities provided by The University of Western Ontario.

Handicapped students should make themselves known to the Dean of Students on campus for information about facilities and services.

A students' council promotes cultural, social, and athletic activities during the academic year and encourages student participation in the Academic Council, the Board of Directors and most administrative committees of the college.

Affiliated Institution

St. Peter's Seminary, 1040 Waterloo St., London, Ontario N6A 3Y1. Telephone, (519) 432-1824. Major seminary of the Roman Catholic Diocese of London. Primary purpose is the preparation of men for the diocesan priesthood. Founded in 1912. Affiliated in 1975 with King's College. Courses leading to Master of Divinity (MDiv) conferred by The University of Western Ontario. Associate member of the Association of Theological Schools in the United States and Canada (ATS). Rector: F.B. Henry, BA, MA, STL.

Lakehead University*

General Information

Address: Oliver Road, Thunder Bay, Ontario P7B 5E1
Telephone: (807) 345-2121
Cables and Telegrams: Lakehead University, Thunder Bay, Ontario
Telex: 0734594

President and Vice-chancellor: Robert G. Rosehart, BASc, MASc, PhD, PEng

For a complete list of Lakehead University faculty, see the Lakehead University calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, P.A. Paularinne, HBA

Enrolment (1985-1986):

Full-time undergraduate:	3,481
Part-time undergraduate:	1,576
Full-time graduate:	144
Part-time graduate:	105

Full-time faculty (1985-1986): 243

Total income (1984-1985): $35,796,000

General operating fund income	('000)	
Government grants	$ 20,559	57.5%
Fees	6,419	17.9%
Miscellaneous	616	1.7%
Sub Total	$ 27,594	77.1%
Other funds income		
Ancillary enterprises	$ 3,351	9.4%
Special purpose and trust	252	0.7%
Sponsored research	2,851	7.9%
Plant	1,748	4.9%
Sub Total	$ 8,202	22.9%
TOTAL	$ 35,796	100%

History and Governance

Lakehead University evolved from Lakehead Technical Institute which was established in 1946 by order-in-council of the province of Ontario. Classes began in 1948 and, in the same year, first-year university courses were added to the curriculum. Lakehead College of Arts, Science and Technology was established by an act of the Ontario legislature in 1957. The governance and control of Lakehead Technical Institute were transferred to the board of governors of Lakehead College. The present university site, donated by the city of Port Arthur, was occupied in 1957. Second-year arts courses were added in 1960-1961. In 1962, the original Lakehead College of Arts, Science and Technology Act was amended to give the college university powers to establish faculties and to confer university degrees in arts and science. The Lakehead University Act was proclaimed in 1965 and the first degrees in arts and science were conferred in the same year.

Lakehead University is a co-educational and non-denominational institution. Control is vested in a board of governors and a senate.

Buildings and Grounds

Lakehead University is situated on 118 hectares in the city of Thunder Bay (population 121,000).

The first college building opened in 1957 and a new library wing was added in 1960. In 1969 two extensions providing additional lecture rooms and laboratory space were opened. A new residence was opened in 1962 and expanded in 1966. A residence village comprising 10 new buildings was subsequently completed and is situated on the McIntyre River within walking distance of all university buildings. The university centre has a 380-seat theatre auditorium, lecture and seminar rooms, club rooms, a residence dining room and a cafeteria. From 1965 to 1969 the university continued to grow. A new library building was erected and expanded; an athletic centre gymnasium was constructed; and the Centennial Building was opened to house science and technology laboratories, classrooms and faculty offices. An addition to the athletic centre, which includes an Olympic-size swimming pool, three squash courts, a general-purpose training room, a wrestling room, two classrooms, shower rooms and additional office space, opened in 1972. Also in 1972, a new academic building, which provides additional faculty offices and classroom space was opened. Ramps have been added to facilitate access for disabled students.

A man-made lake is in the centre of the campus. It was planned with the regional conservation authority and acts as an important flood control project for the McIntyre River which runs through the campus.

Libraries

The university library consists of the Chancellor Norman M. Paterson Library and the Education Library. Together these serve the research needs of the entire academic community as well as the general community. The university library collection contains over 430,000 volumes of books, periodicals, and documents, and over 120,000 microform volumes.

The Chancellor Norman M. Paterson Library occupies a separate six storey building in the centre of the campus. The whole building is available for library purposes except the fifth floor which houses the School of Library Technology, the Geography Department, and other offices.

The Education Library contains materials related to the study of education. The collection is over 30,000 volumes as well as a wide variety of audiotapes, films, records, and other non-print materials.

Special collections: The Seaway collection consisting of 500 books, pamphlets and reports going back to the earliest engineering surveys of the St. Lawrence Seaway

Local History Collection of documents, journals, papers and over 300 pictures relating to the history of northwestern Ontario.

The Library maintains a database of materials on northwestern Ontario and the provincial norths. This file of over 20,000 records includes references to monographic literature and may be searched by computer.

Programs and Degrees

Bachelor's degrees require three or four years from senior matriculation unless otherwise specified. Master's degrees require minimum one year from honours bachelor's degree unless otherwise specified.

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*Ordinary member, AUCC

One full credit normally represents one full course requiring three lecture hours per week for two terms. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General program, three years from senior matriculation. Honours program, four years from senior matriculation.

Honours bachelor of arts (fine arts)

Honours bachelor of outdoor recreation - bachelor of arts (geography)

Honours bachelor of social work (HBSW)

Master of arts (MA)

Education

Concurrent degree programs for elementary and secondary school teachers (BA/BEd, BSc/BEd).

Bachelor of education (BEd) One year from first degree.

Master of education (MEd) Full-time and part-time.

Diploma in native teacher education. Two years after senior matriculation. For persons of native descent.

Native language instructor's diploma. For persons of native descent. Offered summer only.

Science

Bachelor of science (BSc) General program, three or four years from senior matriculation. Honours program, four years from senior matriculation.

Master of science (MSc)

Honours bachelor of outdoor recreation - bachelor of science (natural science)

University Schools

Business administration

Bachelor of administration (BAdm) Three years from senior matriculation.

Honours bachelor of commerce (HBCom) Four years.

Graduate diploma in business administration. One year after first degree (12 half courses).

Engineering

Year one of undergraduate studies in applied science is available.

Bachelor of engineering (BEng) Two years beyond three-year diploma in engineering technology.

Diploma in engineering technology (DipEngTechnol) Three years beyond junior matriculation or two years beyond senior matriculation.

Forestry

Honours bachelor of science in forestry (HBScF) Four years.

Diploma in forest technology (DipForTechnol) Two years beyond junior matriculation.

Master of science (MSc) Minimum one year from HBScF or allied science with a B average.

Library technology

Diploma in library technology (DipLibTechnol) Two years beyond junior matriculation (11 full course equivalents).

Nursing

Honours bachelor of science in nursing (HBScN) Four years.

Physical and health education

Honours bachelor of physical education (HBPE) Four years.

Honours bachelor of outdoor recreation. Four years.

Master of arts (MA) in theory of coaching Minimum one year after honours degree in physical education.

Master of science (MSc) in theory of coaching Minimum one year after honours degree in physical education.

Special Programs

These include Canadian studies, industrial manpower studies, Boreal studies, Native studies (available in the summer session) and religious studies.

Continuing education

Off-campus centres: Undergraduate and graduate courses are offered in arts and education for students proceeding to a degree and for teachers wishing to improve their professional qualifications. These courses are presently offered off-campus at the following towns: Armstrong, Atikokan, Dryden, Emo, Rainy River, Fort Frances, Long Lac, Geraldton, Kenora, Beardmore, Manitouage, Marathon, Nipigon/Red Rock, Vermillion Bay, Ignace, Red Lake, Sioux Lookout, Terrace Bay, Ear Falls and Sault Ste. Marie.

Evening: Undergraduate courses are offered in all programs.

Spring and summer session: Courses are offered on and off campus in all program areas for undergraduates proceeding to a degree and for teachers wishing to upgrade their professional qualifications through degrees and diplomas in education.

Other: Special short professional or upgrading courses are offered on occasion.

Admission Requirements

Diploma programs

Ontario: Successful completion of grade 12 program or equivalent which would allow student to proceed to full Ontario grade 13 program. Overall average at least 60 per cent. Certain programs require specified subjects at grades 11 and 12 levels. Principal's recommendation and school report required.

Other provinces: Applicants must present certificates equivalent to Ontario grade 12 high school diploma. Provided the subjects offered are acceptable, the following certificates are usually considered equivalent. Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Prince Edward Island, Nova Scotia, Saskatchewan: grade 11. Quebec: successful completion of Secondary V or equivalent.

Degree programs

Ontario: Successful completion of Ontario grade 13 or equivalent embracing at least three distinct subject areas acceptable to the university. Overall average at least 60 per cent. In addition, candidates must include in matriculation programs subjects that interlock with planned university majors. Applicants with high standing in grade 12 will be considered on individual basis. Principal's recommendation and school record required.

Other provinces: Academic credentials presented must be acceptable equivalents to Ontario grade 13. Provided the subjects offered are satisfactory, the following educational levels are considered equivalent. Alberta, Prince Edward Island, British Columbia, Manitoba, New Brunswick, Nova Scotia, Saskatchewan: grade 12. Newfoundland: first year Memorial University. Quebec: first year of CEGEP general program or Senior High School Leaving Certificate from a recognized private school.

General: For admission to both degree and diploma programs, applicants lacking required subjects may be considered for admission if level of achievement in associated subjects is better than average. Each case considered individually.

Mature students
For faculty of arts and university schools programs, applicants who are at least 21 years of age in calendar year of entry, residents of Canada, and have not attended postsecondary institutions for two years prior to application for admission, will be considered as adult students. Those considering program in faculty of science or school of engineering on mature student basis should discuss necessary preparatory work with the registrar. Mathematics to admissions level and preferably some sciences required.

Senior citizens
Tuition fees are waived for individuals aged 60 years of age and over, however an administration fee of $5 is levied. All costs for materials related to a course are borne by the student.

Graduate
First degree with at least second-class standing in appropriate subjects.

Foreign Students
Applicants whose mother tongue is not English must submit a minimum score of 550 on the Test of English as a second language (TOEFL) or 90 on the Michigan English Language Test (MELT)

Commonwealth: GCE or equivalent with passes in five subjects with two at A-level or passes in four subjects with three at A-level.

USA: Grade 12 with a minimum "A" average. Otherwise applicants must present acceptable U.S. grade 12 standing plus 30 semester hours or 45 quarter hours of formal study in subjects comparable to Ontario grade 13. Such credit must be acquired through an accredited college or university.

Other: Applicants submitting international baccalaureate will be considered for admission.

Costs (1986-1987)

Tuition: First degree per year in arts, bachelor of administration, commerce, education, degree engineering, forestry degree, nursing, physical education, outdoor recreation, science, social work: Full-time (four courses or more) $1,262; part-time full course $257, half course $131. Undergraduate diploma programs per year in engineering technology, forest technology, library technology: Full-time $759; part-time full course $158, half course $82.

Masters Degrees: First year $1,404, full course $376, half course $191; second year $546, full course $376, half course $191. Graduate Diploma: business administration: Full-time $1,262; part-time full course $257, half course $131.

Note: a) Foreign students are required to pay differential fees
b) additional field trip fees are required in some programs

Residence: Board and room, (single) $3,188; 1986/1987 rates (double) $3,030

Student fees (including athletics): $107

All fees subject to change without notice.

Academic Year

Winter session: mid-September to early May. Spring session: May to late June. Summer session: early July to mid-August.

Grading System

A+, 90-100%; A, 80-89%; B, 70-79%; C, 60-69%; D, 50-59%; E, 40-49%; F, 1-39%; F—, Academic dishonesty - 0%.

Student Aid

The student services office administers all forms of undergraduate and graduate financial aid. All entrance students who have graduated from high school with 79.5% or higher are eligible to receive a $500 entrance scholarship. Six $3,000 awards of academic excellence ($1,000/year for three years) are offered to the six highest ranking entrance students. Application is required for some entrance scholarships and for all entrance bursaries which are awards made to students on the basis of financial need. Application deadline for entrance awards is mid-May. Small emergency loans are also available under special circumstances.

A number of incourse scholarships and bursaries are also available. Incourse scholarships are awarded to students on the basis of their performance at the university. Incourse bursaries are awarded in the second term to students demonstrating financial need.

Graduate students are considered for scholarships offered by the university, and by the provincial and federal governments. Graduate students should note that most graduate awards are tenable in first year only.

Students who require financial aid should inquire at the student services office about their eligibility under the Ontario Student Assistance Program. Some aid in the form of scholarships and bursaries is also available to part-time students.

Student Life and Services

The Lakehead University Student Union fee automatically entitles the student to membership in the society. The funds help subsidize student publications, the winter carnival, folk spectaculars, dances and other student events in addition to all student clubs and associations. These funds are administered by the society which is composed of elected student representatives.

The university has a wide variety of extracurricular activities in which students may participate. Students compete for western Canadian championships in sports such as basketball, hockey, judo, volleyball, and wrestling.

Residence accommodation is available for 228 women and 413 men. Single and double-room accommodation is available. The university also maintains an off-campus housing list of rooms, rooms and board, apartments and houses in the community.

The campus health centre has a registered nurse in attendance between 8:30 a.m. and 4:30 p.m. Monday through Friday. University Physicians are available at regular hours throughout the week. At the Health Centre students experiencing personal problems and/or difficulties in adjusting to university life, are encouraged to see the student counsellor or the Director of student services. For academic concerns, students are advised to see their faculty academic advisor, dean, department chairman or director, registrar or admissions and liaison personnel. Support services such as foreign student advising and study skills workshops are available through the student services office.

The Thunder Bay office of Canada Manpower, in cooperation with the university, maintains a student placement service on campus. Since the scope of the Canada Manpower service is nation-wide, students have access to employment opportunities from employers across Canada. Many of these employers arrange on-campus interviews at Lakehead as part of their personal recruiting program.

Resource Centres

The office of Graduate Studies and Research provides a framework through which the broad talents of the University's academic staff can be made available on a contract basis to interested parties outside the University. Development problems within Mid-Canada are of particular interest. Using a team approach the Centre offers consulting services at competitive rates in the fields of industrial engineering, business and government administration, culture and economic development and environmental research. Director: M.W. Lankester, BSc, MSc, PhD

Occupational Health and Safety Resource Centre. Director: W.H. Baarschers, MSc, PhD. Assistant Director: I.M. Chomyshyn, HBSc, C.I.H.

The Resource Centre for Occupational Health and Safety was created to serve the occupational health and safety needs of Northwestern Ontario. The Centre provides technical information, workplace sampling and analysis, as well as specialized educational seminars, e.g. audiology.

Innovation North: Innovation North focuses on the commercialization of products, processes and services developed either by private entrepreneurs or by university faculty and students. Direct assistance is given to clients in the form of technical assessment of a project, market feasibility, assistance in developing a business plan, manufacturing strategies and help to find investors to support a project. Supervisor: Dr. Martin Oosterveld; Manager: Mrs. Elli Murack. Telephone: (807) 345-5265

Laurentian University of Sudbury*

Le texte francais se trouve à la suite/French version follows

General Information

Address: Ramsey Lake Road, Sudbury, Ontario P3E 2C6
Telephone: (705) 675-1151
Cable: Laurentian University, Sudbury, Ontario
Telex: 0677569
Envoy: VXZ0054

President: John S. Daniel, MA, DèsS, DLitt

For a complete list of Laurentian University faculty, see the Laurentian University calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, J.M. Porter, BBA, MEd

High school liaison: Manager of Liaison Services: Chris Culliford, BA, DiplPublicAdmin.

Enrolment (1985-1986):

Full-time undergraduate:	4,025
Part-time undergraduate:	3,664
Full-time graduate:	65
Part-time graduate:	108

Full-time faculty: 354

Total income (1984-1985): $26,861,439

General operating fund income

	('000)	
Government grants	$ 20,492	76.3%
Fees	5,329	19.8%
Miscellaneous	1,040	3.9%
TOTAL	$ 26,861	100%

History and Governance

Laurentian University was established by an act of the Ontario legislature in 1960. The provincial act provided for the federation of denominational universities or colleges with Laurentian University. In 1960, the University of Sudbury (Roman Catholic), founded in 1913, and Huntington University (United Church), incorporated in 1960, federated with Laurentian. Thorneloe University (Anglican) joined the federation in 1963. By the acts of federation, the degree-granting powers of the federated colleges are held in abeyance except in theology.

First classes were on September 19, 1960 and the first convocation for graduates was in 1961.

Laurentian is a public, non-denominational, bilingual, coeducational institution. It is governed by a senate and a board of governors. The senate consists of 60 voting and 2 non-voting members and the board of governors is composed of 25 voting and 11 non-voting members.

Buildings and Grounds

The university is located on a 750-acre campus, within the limits of the city of Sudbury (population 90,453; region 154,387), only a 7-minute drive from downtown Sudbury. The first two phases of Laurentian University's master plan have been completed. They include the H.J. Fraser science building with classrooms, laboratories, offices, shops, three auditoria which can be combined to form one large auditorium, a planetarium and an astrodome; a classroom building; the arts building housing faculty offices, seminar rooms and language laboratories; the dining assembly building; and finally the administration and library tower or Ralph D. Parker building containing the library and the university's administrative offices. All these buildings are connected and allow passage through the whole complex under cover.

To the east and southeast of the main campus are the college residences and the Laurentian University residence complex where approximately 15,000 square feet are designated as a campus centre for centralized social facilities. Also located on campus is a sports complex including the Benjamin F. Avery physical education centre with a 50-metre swimming pool, football and soccer fields, an Olympic-designed track, and tennis courts. A hoyer-lift has been installed in the pool, and nearby, shower and toilet facilities have been adjusted for the benefit of the handicapped.

Libraries

The Ralph D. Parker building contains the library which holds 700,000 volumes and 2,800 periodicals. The Science library in the Horace J. Fraser science building offers documentation in the pure and applied sciences. The library of the school of education is in the school's own building. The colleges also maintain libraries and reading rooms. Special assistance for disabled students is available upon request.

Special collections: Gardner Northern Collection
Northeastern Ontario Collection

Programs and Degrees

Bachelor's degrees require four years from senior matriculation unless otherwise specified. Master's degrees require one year beyond honours bachelor's degree unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General program, normally three years from senior matriculation. Specialized program, normally four years from senior matriculation.
Law and justice. One-year certificate after grade 13 and one-year diploma after a bachelor's degree. Competence in French as a Second Language; French- Principal Language of Communication; Certificate in Church Music; Family Life Studies and Human Sexuality - one year certificate programmes.
Public administration. One year diploma after a bachelor's degree.
Master of arts (MA)

Science

Bachelor of liberal science [BSc(liberal)] Three-year general program.
Bachelor of science (BSc) General program, three years. Specialized program, four years.
Master of science.

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* Ordinary member, AUCC

Business data processing; Fine particle science - one year certificate programs.

Professional Programs

Commerce

Honours bachelor of commerce (BCom)

Honours bachelor of administration of cooperatives (in French)[BCom (administration des coopératives)]

Honours bachelor of commerce in sports administration [BCom(Sports Administration)] Offered jointly by school of commerce and administration and school of physical and health education.

Master of business administration requires the completion of the equivalent of eleven full courses.

Education

Sudbury Teachers' College on campus was integrated with Laurentian University on September 1, 1974 as the school of education. Offers programs leading to the certification of French-speaking teachers of Ontario.

Bachelor of arts (BA) Three-year program with concentration in education.

Bachelor of education (BEd) One year after BA. Graduates qualify for BEO. Also offered in faculty of education at Nipissing College in North Bay.

Engineering

Bachelor of engineering [(BEng) in mining and in extractive metallurgical engineering)]

First two years of chemical, civil or mechanical engineering offered.

Language

Honours bachelor of science in language (BSL)

Certificate in legal interpretation. One year.

Nursing

Bachelor of science in nursing (BScN) Since 1975, registered nurses are admitted to program and may challenge third-year university nursing courses.

Physical and health education

Honours bachelor of physical and health education (BPHE)

Honours bachelor of physical and health education (Health Promotion)[BPHE(Health Promotion)]

Honours bachelor of physical and health education (Adventure Leadership) [BPHE (Adventure leadership)]

Honours bachelor of science (Kinesiology) [BSc(Kinesiology)]

Fitness and Lifestyle management - one year diploma programme after bachelor's degree.

Social work

Honours bachelor of social work (BSW)

Special programs

Special programs can be arranged to prepare students for entrance to professional faculties elsewhere.

Interdisciplinary programs: earth science (BA), behavioral neuroscience (BSc), mining geology (BSc), law and justice (BA, certificate and diploma programs); Canadian studies (BA); bachelor of commerce in sports administration, one year certificate program in legal interpretation.

Programs are offered in: *Bilingual studies:* Certificate of bilingualism awarded to student receiving general or honours bachelor's degree on successful completion of written and oral examinations.

Continuing education

Centre for continuing education directs summer session and evening spring session on the Sudbury campus and in other Northern Ontario centres. Also offers part-time winter session courses in Sudbury, Blind River, Elliot Lake, Kirkland Lake, New Liskeard, Pembroke, Sturgeon Falls, North Bay, Timmins, Bracebridge, Welland and Windsor, and in other areas from time to time. Courses are offered by correspondence and TV throughout the year.

Full BA program offered. During regular session, part-time and full-time programs are integrated, with some courses offered on campus in the evening. Undergraduate courses in evening spring session in arts, in science, and in professional schools. Undergraduate summer session courses in arts and science and professional school subjects for undergraduates proceeding to degree and for teachers who wish to improve professional status. To receive a degree, student must complete at least five full Laurentian courses (normally the last five). Television and videotapes used for some credit courses. For further information, contact the Centre for Continuing Education and Part-time Studies, (705) 675-1151, ext. 3930.

Admission Requirements

Undergraduate

Ontario: Certificates equivalent to Ontario honour graduation diploma (grade 13) or Ontario Academic courses with three subjects (six credits) and minimum average of 60 per cent. Subject to certain conditions, year five or grade 13 students may take university courses concurrently with secondary school program but credit will not be granted until student has completed normal basis for admission. A limited number of exceptional grade 12 students will be admitted. Such candidates must maintain an "A" average throughout secondary school, submit a personal biography and a positive recommendation from their guidance counsellor and/or principal and be interviewed.

Ontario students who complete three-year college of applied arts and technology program with at least an overall average of 66 per cent are admissible with possible advanced standing in maximum of five courses.

Other provinces: British Columbia, Alberta, Saskatchewan, and Manitoba applicants require grade 12. Quebec students who have completed two-year CEGEP or two-year collegial program are admissible with possible advanced standing. Nova Scotia, New Brunswick, and Prince Edward Island applicants require grade 12. Newfoundland applicants require first year at Memorial University or Grade 12.

Mature students

Candidates 21 years of age or over on October 1 of current year who cannot meet normal admission requirements may be admissible. For details, candidates should write the office of admissions.

Senior citizens

Applicants aged 60 and over are exempt from tuition fees and are subject to admission requirements as per mature students.

Graduate

Honours bachelor's degree or equivalent with at least second-class standing required in appropriate area of study.

Foreign Students
Applicants without English or French as a first language must submit a minimum score of 550 on the Test of English as a Foreign Language (TOEFL).

Certificates evaluated for equivalence to normal requirements. Notarized English and French translations of certificates not in English or French are required.

UK, West Indies, East and West Africa, Hong Kong: GCE or University of Hong Kong matriculation certificate with either four subjects (at least three A-level) or five subjects (at least two A-level). Scottish leaving certificate acceptable. Other school or high school certificates may be acceptable.

USA: First year standing at accredited college or university with minimum 30 semester hours in appropriate subjects. Applicants with high standing in secondary schools and advanced placement tests may apply to office of admissions for special consideration.

Other: Applicants submitting international baccalaureate considered for admission.

Costs (1986-1987)

Tuition: Full-time (more than 3.5 courses) undergraduate per year, all programs except engineering $1,264; engineering $1,372. Visa students, most programs $4,448; engineering, nursing, education, $7,177. Graduate tuition, first year for 12 months $1,374, $181 per term for subsequent years. Extension and part-time tuition fees per full course, in Sudbury, $253; plus compulsory fees of $17. Part-time graduate: $259 per term for the first six terms, and $181 for each subsequent term.

Residence: Per academic year, $1,635-$1,680 (single room); $1,360-$1,445 (double room). Meals available on cash basis or meal card may be purchased. One-bedroom married student apartments $295 per month.

Student fees: $93.50. Registration, Health Services, Athletics, insurance and donation to L.U. Fund included in miscellaneous fees of $157.50. Graduate, incidental fees $77.

All fees subject to change without notice.

Academic Year

Winter session: mid-September to late April. Summer session: a six-week day session from early June to mid-August and an evening spring session from mid-April to end of June.

Grading System

The grading scale for all individual courses is: A, 80-100%; B, 70-79%; C, 60-69%; D, 50-59%; F, 0-49% (failure); I, incomplete; W, honourable withdrawal. Unless an incomplete course is completed by the last day of May for the winter session, or for other sessions within a month of the examination, the course will be graded "F". However, the dean of the faculty concerned may grant an extension of the prescribed period.

Student Aid

Students are considered for a number of entrance scholarships which are awarded on the basis of academic merit. There are 40 tuition scholarships for full-time first-year students with 80 per cent or better out of high school. In-course scholarships and bursaries are awarded on the basis of academic merit or financial need or both where terms specify. The university participates in the Ontario student assistance program.

Student Life and Services

The Students' General Association, l'Association des étudiants francophones and the Association for Laurentian Part-Time Students, through their councils and committees, represent the students and are responsible for student functions. The individual colleges and professional schools also have student councils and the residences have residence councils. Students are also represented on the university board of governors, senate, standing committees, and departmental committees.

The SGA, AEF, and ALPS provide a calendar of events and sponsor activities such as drama, publications, political clubs, faculty organizations and service clubs. Sports facilities are available through the division of physical and health education for intercollegiate and intramural programs, recreational clubs, and elective instructional classes. The university bookstore stocks required texts, sports clothing, and other articles.

Huntington, Thorneloe, and Sudbury Colleges have residence accommodation for 400 men and women in single and double rooms. The Laurentian University residence complex includes the University College residence accommodating 250 students, a single-student apartment building accommodating 396 students, and a married student high-rise tower with 129 apartments. The Laurentian Child and Family Centre offers day care for children aged 18 months to 5 years, as well as an after-school program for children aged 6 to 10. Fees are determined by income, subject to government support.

Medical services, under the direction of a physician, are broad in scope and encompass preventive medicine, psychological disturbances, and medical care.

International advisors are available to foreign students, undergrads should call extension 3052, graduate students: extension 3204.

The Canada Employment and Immigration Commission, in cooperation with the university, maintains a full-time Canada Employment Centre on campus on a year-round basis. The purpose of the centre is to assist graduates and undergraduates to obtain permanent, summer or part-time employment, and to assist employers wishing to recruit at Laurentian.

Research Institutes

The Institute for Fine Particle Research. Director: Brian H. Kaye, MSc, PhD

Institut Franco-Ontarien. Director: Lionel Bonin, BA, MLS

Northern Ontario Research and Development Institute (NORDINORD). Director: G. Héroux, MA, MES

Affiliated Colleges

Algoma University College, Sault Ste. Marie, Ontario P6A 2G4 Telephone, (705)949-2301. Affiliated with Laurentian University of Sudbury on December 17, 1965. First-year students enroled in September 1967. Algoma provides university level instruction for degrees, professional development and general interest. A first and second year Commerce and Social Work and a first year Science are offered, in addition to full General and some Specialized BA degrees. Students may apply efforts to any of twelve areas of concentration inclusive of Economics, Music and Geography. Students who successfully complete program requirements at Algoma are awarded degrees by Laurentian University. Algoma has also hosted, in co-operation with other universities, Masters Programs in Education. President: Patrick G. Wesley, BA, PhD, Reg Psych (Ont)

Nipissing University College, Box 5002, North Bay, Ontario, P1B 8L7 Telephone, (705) 474-3450. Established as Northeastern University in 1961. In 1965 the university was renamed Nipissing University College and in 1967 affiliated with Laurentian University of Sudbury. Nipissing offers a three-year Bachelor of arts general program for full-time and part-time students and a Bachelor of arts specialized program in English, geography and psychology. Nipissing also offers three years of the four-year Bachelor of arts specialized program in history and sociology. In addition, Nipissing offers two years of the Bachelor of commerce and Bachelor of social work programs, and the first year of the Bachelor of science program. Students in these transfer programs complete one or two years of the degree at Nipissing then transfer to Laurentian University in Sudbury. It is also possible to transfer to other universities if certain course requirements are met. Nipissing also offers the one-year Bachelor of education program. An undergraduate degree is required for admission to this program. Offers residence accommodation. President, Anthony Blackbourn, BSc(Econ), MA, PhD.

University College of Hearst, Hearst, Ontario P0L 1N0 Telephone, (705) 362-4841. Founded 1953. Non-denominational, bilingual and coeducational. Affiliated with the University of Sudbury in 1957 and with Laurentian University in 1963. Offers program leading to BA degree awarded by Laurentian University. Concentration subjects are français, psychology, sociology, commercial studies, first-year commerce, and first and second-year social work offered. Director: Danielle Coulombe, BA, MA

Constituent College

University College, Ramsey Lake Road, Sudbury, Ontario P3E 2C6 Telephone, (705) 673-6580. Founded 1960. Bilingual, coeducational, and non-denominational. Constituent college within the university faculties of humanities, social sciences and science. Offers residential accommodation.

Federated Universities

Huntington University, Sudbury, Ontario P3E 2C6 Telephone, (705) 675-1151 ext.1051. Coeducational and United Church. Established and federated with Laurentian University of Sudbury, 1960. Offers undergraduate courses in religious studies and music. Credits transferable to Laurentian University of Sudbury. Offers residence accommodation. President: L.J. Winckel, BA, ThM, DTh

Thorneloe University, Sudbury, Ontario P3E 2C6 Telephone, (705) 675-1151 ext. 1052. Coeducational and Anglican. Established 1961 and joined the Laurentian federation in 1963. Offers undergraduate courses in religious studies, classical studies, theatre arts and women's studies. Credits transferable to Laurentian University of Sudbury. Residence accommodation provided. Vice-chancellor and provost: J.W.K. Sandys-Wausch, BA, MA, DPhil.

University of Sudbury, Sudbury, Ontario. See separate entry.

L'Université Laurentienne de Sudbury*

Renseignements généraux

Adresse: Chemin du lac Ramsey, Sudbury, (Ontario) P3E 2C6
Téléphone: (705) 675-1151
Adresse-câble: Université Laurentienne, Sudbury (Ontario)
Telex: 0677569
Envoy: VXZ0054

Recteur: John S. Daniel, MA, DèsS, DLitt

Pour la liste complète des membres du corps professoral de l'Université Laurentienne de Sudbury, prière de vous reporter à l'annuaire de l'Université Laurentienne ou au *Commonwealth Universities Yearbook*.

Demandes de renseignements: Prière d'adresser la correspondance générale au secrétaire général, J.M. Porter, BBA, MEd

Directeur des services de liaison: Chris Culliford, BA, DiplPublicAdmin

Inscriptions (1985-1986)

1^er^ cycle à temps plein:	4,025
1^er^ cycle à temps partiel:	3,664
2^e^ et 3^e^ cycles à temps plein:	65
2^e^ et 3^e^ cycles à temps partiel:	108

Professeurs à temps plein: 354

Revenu total (1984-1985) $26,861,439

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 20,492	76.3%
Frais de scolarité	5,329	19.8%
Divers	1,040	3.9%
TOTAL	$ 26,861	100%

Historique et statuts

L'Université Laurentienne a été établie en vertu d'une loi de l'Assemblée législative de l'Ontario, en 1960. La loi provinciale prévoit la fédération des universités ou collèges confessionnels avec l'Université Laurentienne. En 1960, l'Université de Sudbury (catholique), fondée en 1913, et la Huntington University (Église-Unie), ayant obtenu son incorporation en 1960, se sont fédérées avec l'Université Laurentienne. La Thorneloe University (anglicane) s'est jointe à la fédération en 1963. En vertu des accords de fédération, le pouvoir de décerner des grades détenu par les collèges fédérés est maintenu en suspens, sauf pour la théologie.

Les premiers cours ont été donnés le 19 septembre 1960 et la première collation des grades a eu lieu en 1961.

L'Université Laurentienne est non confessionnelle, bilingue et mixte. Elle est régie par un Sénat et un Conseil des gouverneurs. Le Sénat se compose de 60 membres votants et de 2 membres non votants et le Conseil des gouverneurs, de 25 membres votants et de 11 membres non votants.

Bâtiments et terrains

L'université est située sur un campus de 750 acres dans les limites de la ville de Sudbury (dont la population est de 90,453 âmes et la population de la région, de 154,387 âmes) à seulement 7 minutes de trajet du centre de la ville. Les deux premières phases du plan directeur de construction de l'Université Laurentienne sont terminées; il s'agit de l'édifice des sciences H.J. Fraser, avec salles de cours, laboratoires, bureaux, ateliers, trois auditoriums pouvant être combinés en une seule grande salle, un planétarium et un observatoire; d'un édifice des salles de cours; de l'édifice des arts où se trouvent les bureaux des professeurs, des salles de séminaires et des laboratoires de langue; de l'édifice de réception et de restauration et, enfin, de l'édifice Ralph D. Parker ou tour de l'administration et de la bibliothèque, qui abrite la bibliothèque et les bureaux d'administration de l'université. Tous ces édifices communiquent entre eux et l'accès de l'un à l'autre est possible sans sortir à l'extérieur.

A l'est et au sud-est du campus principal se trouvent les résidences des collèges et le complexe de logement de l'Université Laurentienne dans lequel environ 15,000 pieds carrés sont affectés à un centre universitaire destiné aux activités extra-scolaires. Il se trouve également sur le campus un complexe réservé aux sports, comprenant le Centre d'éducation physique Benjamin F. Avery avec une piscine de 50 mètres, des terrains de football et de soccer, une piste de course olympique et des courts de tennis. Un mécanisme de levage a été installé dans la piscine et les douches et toilettes, à proximité, ont été adaptées aux besoins des personnes handicapées.

Bibliothèques

L'édifice Ralph D. Parker abrite la bibliothèque qui contient 700,000 volumes et 2,800 périodiques. La bibliothèque des sciences, dans l'édifice des sciences Horace J. Fraser, contient de la documentation dans les sciences pures et les sciences appliquées. La bibliothèque de l'École des sciences de l'éducation se trouve dans l'édifice de l'école. Les collèges ont aussi leurs bibliothèques et salles de lecture. Les étudiants handicapés bénéficient sur demande d'une aide particulière.

Collections spéciales: Gardner Northern Collection
Northeastern Ontario Collection

Programmes et grades

Le baccalauréat exige quatre années d'études après la 13^e^ année, à moins d'indication du contraire. La maîtrise exige une année au-delà du baccalauréat spécialisé, à moins d'indication du contraire.

Trois crédits représentent d'ordinaire trois heures de cours par semaine pendant un trimestre. Six crédits équivalent habituellement à trois heures de cours par semaine pendant deux trimestres ou à six heures de cours par semaine pendant un trimestre. Il arrive qu'on accorde des crédits supplémentaires pour les travaux en laboratoire ou pour un cours particulièrement exigeant.

Arts

Baccalauréat ès arts (BA) Programme général, normalement trois ans après la 13^e^ année. Programme spécialisé, normalement quatre ans après la 13^e^ année.
Droit et justice. Certificat d'un an après la 13^e^ année et diplôme d'un an après le baccalauréat.
Certificats d'un an après la 13^e^ année.
Certificat de compétence en français langue seconde.
Certificat d'études en musique d'église.
Certificat de français, langue principale de communication.
Certificat en études familiales et sexualité humaine.

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* Membre ordinaire de l'AUCC

Administration publique. Diplôme d'un an après le baccalauréat.
Maîtrise ès arts (MA)

Sciences
Baccalauréat ès sciences libérales [BSc (libérales)] Programme général de trois ans.
Baccalauréat ès sciences (BSc) Programme général de trois ans. Programme spécialisé de quatre ans.
Maîtrise ès sciences (MSc)
Certificats d'un an après la 13e année.
Certificat en traitement des données commerciales.
Certificat en science des microparticules.

Programmes professionnels
Commerce
Baccalauréat spécialisé en commerce (BCom)
Baccalauréat spécialisé en commerce (administration des coopératives) [BCom(administration des coopératives)]
Baccalauréat spécialisé en commerce, administration des sports [BCom(administration des sports)] Offert conjointement par l'École de commerce et d'administration et l'École d'éducation physique et d'hygiène.
Maîtrise en administration des affaires. Un programme de l'équivalent de onze cours complets.

Éducation
Le Collège d'éducation de Sudbury, qui se trouve sur le campus, a été intégré dans l'Université Laurentienne le 1er septembre 1974 en tant qu'École des sciences de l'éducation. On y offre des programmes en vue de l'obtention d'un brevet d'enseignement pour les écoles de langue française de l'Ontario.
Baccalauréat ès arts (BA) Programme de trois ans avec concentration en éducation.
Baccalauréat en éducation (BEd) Une année après le BA. Les diplômés ont droit au BEO. Offert également à la faculté d'éducation du Collège Nipissing de North Bay.

Éducation physique et hygiène
Baccalauréat spécialisé en éducation physique et hygiène (BEPH)
Diplôme d'un an après le baccalauréat - gestion du conditionnement et du style de vie.

Génie
Baccalauréat en génie (exploitation minière et métallurgie extractive) (BEng). On offre une première année d'études générales en génie et une deuxième année de spécialisation en génie chimique, génie civil et génie mécanique.

Langues
Baccalauréat spécialisé en sciences du langage (BSL)
Certificat d'interprète auprès du tribunal.

Sciences infirmières
Baccalauréat en sciences infirmières (BScN) Depuis 1975, les infirmières diplômées sont admises au programme et peuvent s'attaquer aux cours de troisième année en sciences infirmières.
Baccalauréat en sciences (kinésiologie)
Baccalauréat spécialisé en éducation physique et hygiène (promotion de la santé) [BEPH(promotion de la santé)]
Baccalauréat spécialisé en éducation physique et hygiène (activité physique de plein air) [BEPH(leadership activité physique en plein air)]

Service social
Baccalauréat spécialisé en service social (BSW)

Programmes spéciaux
Des programmes spéciaux peuvent être établis pour préparer les étudiants à l'admission aux écoles d'enseignement professionnel ailleurs.

Programmes interdisciplinaires: neuroscience du comportement (BSc); science de la terre (BA); géologie minière (BSc); droit et justice (BA, programmes en vue du certificat et du diplôme): études canadiennes (BA); baccalauréat en commerce, administration des sports, un certificat d'interprète auprès du tribunal.

Etudes bilingues: un certificat de bilinguisme est accordé à l'étudiant qui se voit décerner un baccalauréat, pourvu qu'il ait subi avec succès des examens oraux et des examens écrits.

Éducation permanente
Le Centre d'éducation permanente organise des cours d'été et des cours du soir en session de printemps sur le campus de Sudbury et dans certains autres centres du Nord de l'Ontario. Il offre en outre des cours d'hiver à temps partiel à Sudbury, Blind River, Elliot Lake, Kirkland Lake, New Liskeard, Pembroke, Sturgeon Falls, North Bay, Timmins, Bracebridge, Welland et Windsor et ailleurs à l'occasion. Des cours sont offerts par correspondance et à la télévision toute l'année.

Programme complet du baccalauréat ès arts. Durant la session régulière, des programmes à temps partiel sont combinés avec certains cours offerts sur le campus le soir. Cours au niveau du baccalauréat en session de printemps, le soir, en arts, sciences et dans les écoles professionnelles. Cours d'été au niveau du baccalauréat en arts et sciences et dans les matières des écoles professionnelles, à l'intention des candidats au baccalauréat et des enseignants qui désirent améliorer leur situation professionnelle. Pour obtenir un grade, l'étudiant doit suivre au moins cinq cours au complet de l'Université Laurentienne (normalement les cinq derniers). On peut suivre des cours ouvrant droit à des crédits à la télévision ou sur bandes magnétoscopiques. Pour renseignements: Centre d'éducation permanente et d'études à temps partiel, (705) 675-1151, poste 3930.

Conditions d'admission

Baccalauréat
Ontario: Certificats équivalant au diplôme de fin d'études spécialisées de l'Ontario (13e année) ou aux cours préuniversitaires de l'Ontario (CPO) avec trois matières (six crédits) et une moyenne de 60 p. 100. Sous réserve de certaines conditions, les étudiants de la dernière année d'un cours de cinq ans ou les étudiants de la 13e année peuvent suivre des cours de l'université en même temps que leurs études secondaires mais des crédits ne leur seront accordés qu'une fois qu'ils auront satisfait aux conditions normales d'admission à l'université.

On admettra un nombre limité d'élèves de la 12e année classés comme exceptionnels. Ces candidats doivent avoir conservé une moyenne "A" tout au long de leurs études secondaires, présenter une biographie personnelle et une recommandation positive de leur orienteur et (ou) du directeur de leur école et, enfin, se soumettre à une entrevue.

Les étudiants de l'Ontario qui ont terminé un cours de trois ans dans un collège d'arts appliqués et de technologie et ont conservé une moyenne générale d'au moins 66 p.

100 sont admissibles, parfois à un niveau plus avancé, dans au plus cinq cours.

Autres provinces: Les candidats de la Colombie-Britannique, de l'Alberta, de la Saskatchewan et du Manitoba doivent avoir terminé la 12ᵉ année. Les étudiants du Québec qui ont terminé un cours de deux ans au cegep ou dans un collège sont admissibles parfois à un niveau plus avancé. Les candidats de la Nouvelle-Écosse, du Nouveau-Brunswick et de l'Île-du-Prince-Édouard doivent avoir terminé la 12ᵉ année. Les candidats de Terre-Neuve doivent avoir terminé la première année à l'université de leur province ou la 12ᵉ année.

Étudiants adultes
Les candidats âgés de 21 ans ou plus au 1ᵉʳ octobre de l'année courante, qui ne peuvent satisfaire aux conditions normales d'admission peuvent être reçus. Pour obtenir des détails, les candidats doivent écrire au bureau des admissions.

Étudiants du troisième âge
Les candidats de 60 ans et plus ne paient pas de frais de scolarité, mais doivent satisfaire aux mêmes conditions d'admission que les étudiants adultes.

Grades supérieurs
Un baccalauréat spécialisé ou l'équivalent et une cote minimale de deuxième classe "B" dans le domaine d'études approprié.

Étudiants étrangers
Certificats jugés équivalents à ceux qui sont normalement exigés. Il faut produire des traductions authentiquées en anglais ou en français des certificats qui ne sont pas établis dans une de ces deux langues.

Les candidats qui ne possèdent ni le français ni l'anglais comme langue première doivent subir l'épreuve d'anglais comme langue étrangère (TOEFL) et obtenir une note d'au moins 550.

USA: Avoir terminé les cours de première année d'une université ou d'un collège reconnus et compter au moins 30 heures-semestre dans les matières appropriées. Les candidats ayant conservé des notes élevées à l'école secondaire et subi les épreuves avancées de placement peuvent s'adresser au bureau des admissions pour solliciter un traitement spécial.

Royaume-Uni, Indes occidentales, Afrique (est et ouest), Hong Kong: Le certificat d'études générales ou le certificat d'immatriculation de l'Université de Hong Kong avec quatre matières (au moins trois de niveau A) ou cinq matières (au moins deux de niveau A). Le certificat de fin d'études de l'Écosse est accepté; peuvent également être acceptés les certificats d'écoles secondaires ou d'autres écoles.

Autres: Les candidats qui détiennent un baccalauréat international peuvent être admis.

Frais (1986-1987)

Droits de scolarité: Pour les étudiants à plein temps, au niveau du baccalauréat, tous les programmes sauf le génie, $1,264; génie, $1,372. Pour les étudiants étrangers du 1ᵉʳ cycle, la plupart des programmes, $4,448; les programmes spécialisés en génie, sciences infirmières, sciences de l'éducation, $7,177. Droits de scolarité au niveau des grades supérieurs: Première année, pour douze mois $1,374; pour les années subséquentes, $181 par semestre. Droits pour un cours complet extra-universitaire, à temps partiel, à Sudbury, $253; (droits obligatoires de $17). Études supérieures à temps partiel: $259 par session pour les six premières sessions, $181 par session par la suite.

Résidence: Par année universitaire, $1,635-$1,680 (chambre à un lit); $1,360-$1,445 (chambre à deux lits). Des repas sont offerts au comptant; on peut, d'autre part, acheter une carte de repas. Appartements d'une chambre à coucher, pour étudiants mariés, $295 par mois.

Frais scolaires: $93.50. Inscription, services de santé, athlétisme, assurances et don au Fonds de l'Université Laurentienne de Sudbury sont compris dans les droits divers obligatoires de $157.50.

Études supérieures: frais accessoires, $77.

Tous les droits sont sujets à changement sans préavis.

Année universitaire

Session d'hiver: de la mi-septembre à la fin d'avril.

Session d'été: une session de jour de six semaines, du début de juillet à la mi-août et une session de printemps du soir, de la mi-avril à la fin juin.

Système de notation

L'éventail des cotes pour tous les cours est le suivant: A, 80-100 p. 100; B, 70-79 p. 100; C, 60-69 p. 100; D, 50-59 p. 100: F, 0-49 p. 100 (échec); I, incomplet; W, retrait pour un motif valable. A moins qu'un cours incomplet ne soit terminé au dernier jour de mai, pour la session d'hiver, ou dans un délai d'un mois de la date de l'examen, pour les autres sessions, le cours sera coté "F". Le doyen de la faculté en cause peut, cependant, accorder un sursis.

Aide aux étudiants

Les étudiants sont admissibles à un certain nombre de bourses d'entrée qui sont accordées selon les points conservés dans les études. Quarante bourses sont accordées pour acquitter les frais de scolarité d'étudiants de première année, à plein temps, qui ont conservé au moins 80 p. 100 des points à l'école secondaire. Des bourses sont attribuées au cours des études, selon le mérite scolaire ou selon les besoins financiers, ou encore selon les deux à la fois, d'après les conditions stipulées. L'université participe au programme d'aide financière aux étudiants de l'Ontario.

Vie étudiante et services aux étudiants

L'Association générale des étudiants, l'Association des étudiants francophones et l'Association des étudiants à temps partiel de l'Université Laurentienne, par l'intermédiaire de leurs comités et conseils, représentent les étudiants et assument la responsabilité des activités étudiantes. Chacun des collèges et chacune des écoles professionnelles a aussi un conseil d'étudiants et les résidences ont des conseils de résidence. Les étudiants sont également représentés au Conseil des gouverneurs, au Sénat, aux comités permanents et aux comités de département de l'université.

L'Association générale des étudiants, l'Association des étudiants francophones et l'Association des étudiants à temps partiel de l'Université Laurentienne établissent un annuaire des événements et parrainent les activités, par exemple dans les domaines du théâtre, des publications, des clubs politiques, des organisations de faculté et des clubs sociaux. Des installations sont disponibles pour les activités sportives par l'entremise de la division de l'éducation physique et de l'hygiène, aux fins de programmes intercollégiaux et intra-muros, de clubs récréatifs et de cours facultatifs. La librairie de l'université tient les textes requis, des vêtements de sport ainsi que d'autres articles.

Les collèges d'Huntington, de Thorneloe et de Sudbury ont des résidences qui peuvent loger 400 hommes et femmes dans des chambres à un lit ou à deux lits. Le complexe de logement de l'Université Laurentienne comprend la résidence du Collège universitaire pouvant loger 250 étudiants, un édifice d'appartements pour étudiants seuls pouvant loger 396 étudiants et une tour de 129 appartements pour étudiants mariés.

Le Centre familial Laurentien reçoit les enfants de 18 mois à cinq ans; il offre aussi un programme après les heures d'école pour les six à dix ans. Les frais sont fixés d'après le revenu et sous réserve de l'aide du gouvernement.

Des services médicaux variés, sous la direction d'un médecin, englobent les secteurs de la médecine préventive, des troubles psychologiques et des soins médicaux.

Des conseillers spécialisés sont à la disposition des étudiants étrangers. Poste 3052 pour les pré-diplômés, poste 3204 pour les diplômés.

La Commission de l'emploi et de l'immigration du Canada, en collaboration avec l'université, maintient un Centre d'emploi du Canada à plein temps sur le campus, à l'année longue. Ce centre a pour but d'aider les diplômés et les étudiants à se trouver un emploi permanent, un emploi d'été ou un emploi à temps partiel, et de faciliter le travail aux employeurs qui désirent recruter du personnel à l'Université Laurentienne.

Centres de recherche

L'Institut de recherche sur les micro-particules. Directeur: B.H. Kaye, MSc, PhD

L'Institut Franco-Ontarien. Directeur: Lionel Bonin, BA, MLS

L'Institut nord-ontarien de recherche et de développement (NORDINORD). Directeur: G. Héroux, MA, MES.

Collèges affiliés

Algoma University College, Sault-Ste-Marie (Ontario) P6A 2G4 Téléphone, (705) 949-2301. Affilié à l'Université Laurentienne de Sudbury le 17 décembre 1965. Étudiants de première année inscrits en septembre 1967. Offre des cours à plein temps de première année en sciences, des cours de première et de deuxième années en commerce et en service social, un cours général des arts, d'une durée de trois ans, un baccalauréat ès arts (avec spécialisation) dans certains sujets préparant à un baccalauréat ès arts accordé par l'Université Laurentienne. Le Collège offre des cours dans des centres isolés depuis Elliot Lake jusqu'à Wawa, dans le cadre de son programme d'études intégré, à plein temps et à temps partiel. Directeur: Patrick G. Wesley, BA, PhD, Reg Psych (Ont.)

Collège universitaire de Hearst, Hearst (Ontario) P0L 1N0 Téléphone (705) 362-4841. Fondé en 1953. Non-confessionnel, bilingue et mixte. Affilié à l'Université de Sudbury en 1957 et à l'Université Laurentienne en 1963. Offre un programme conduisant au BA décerné par l'Université Laurentienne. Matières de concentration: français, psychologie et sociologie. Baccalauréat spécialisé en administration des affaires. Première année de commerce et première et deuxième années de service social. Directrice: Danielle Coulombe, BA, MA.

Nipissing University College, C.P. 5002, North Bay (Ontario) P1B 8L7 Téléphone, (705)474-3450. Établi sous le nom de Northeastern University en 1961. En 1965, l'université a changé son nom en celui de Nipissing University College, et en 1967, elle s'est affiliée à l'Université Laurentienne de Sudbury. Elle offre un baccalauréat ès arts général, d'une durée de trois ans, à temps plein ou à temps partiel. Elle offre un baccalauréat ès arts (spécialisé) en English, et en géographie et en psychologie et trois années du baccalauréat ès arts (spécialisé) de quatre ans en histoire et en sociologie. Elle offre aussi des cours de première année en sciences, des cours de première et de deuxième années en commerce et en service social. L'étudiant qui aura terminé avec succès ses première et deuxième années pourra s'inscrire en deuxième ou troisième année à la Laurentienne, ou dans les autres universités de l'Ontario s'il a satisfait à toutes les conditions du programme. Des résidences sont à la disposition des étudiants. Recteur: Anthony Blackbourn, BSc(Econ), MA, PhD.

Collège constituant

Collège universitaire, Chemin du lac Ramsey, Sudbury (Ontario) P3E 2C6 Téléphone, (705) 673-6580. Fondé en 1960. Bilingue, mixte et non confessionnel. Collège constituant dans les facultés universitaires des humanités, des sciences sociales et des sciences. Résidences.

Universités fédérées

Huntington University, Sudbury (Ontario) P3E 2C6 Téléphone, (705) 675-1151 poste 1051. Mixte. Église Unie. Établie et fédérée avec l'Université Laurentienne de Sudbury en 1960. Offre des cours en sciences religieuses et musique au niveau du baccalauréat. Crédits reportables à l'Université Laurentienne de Sudbury. Résidences. Recteur: L.J. Winckel, BA, ThM, DTh

Thorneloe University, Sudbury (Ontario) P3E 2C6 Téléphone, (705)675-1151 poste 1052. Mixte et anglicane. Établie en 1961, s'est jointe à la fédération en 1963. Offre des cours en sciences religieuses, en arts du spectacle, en études classiques et en études sur la femme au niveau du baccalauréat. Crédits reportables à l'Université Laurentienne de Sudbury. Résidences. Principal et vice-chancelier; J.W.K. Sandys-Wausch, BA, MA, DPhil.

Université de Sudbury, Sudbury, Ontario. Voir chapitre correspondant.

Université Laval*

Renseignements généraux

Adresse: Cité universitaire, Québec (Québec) G1K 7P4
Téléphone: (418) 656-2131
Télex: 05131621
Adresse télégraphique: REGUNILAVAL

Recteur: J.-G. Paquet, MSc, DSc

Pour la liste complète des membres du corps professoral de l'Université Laval, prière de vous reporter à l'annuaire de l'Université Laval ou au *Commonwealth Universities Yearbook*.

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au secrétaire général, J. Genest, BPéd, LèsL. En ce qui a trait à l'admission et à l'inscription, prière de s'adresser au registraire, P. Allard, BA, BPéd, LAdmScol.

Agent de liaison au CEGEP: Mme C. Sormany

Inscriptions (1985-1986):

1er cycle à temps plein:	17,461
1er cycle à temps partiel:	7,582
2e et 3e cycles à temps plein:	3,352
2e et 3e cycles à temps partiel:	2,105

Professeurs à temps plein (1985-1986): 1,323

Revenu total (1985-1986): $264,422,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$175,515	66.5%
Frais de scolarité	13,166	5.0%
Divers	5,636	2.1%
Total partiel	$194,317	73.6%
Revenus d'autres sources		
Entreprises auxiliaires	$ 23,901	9.0%
Fonds à destinations spéciales et fiducies	900	0.3%
Recherche commanditée	40,000	15.1%
Vie étudiante	5,304	2.0%
Total partiel	$ 70,105	26.4%
TOTAL	$264,422	100%

Historique et statuts

L'Université Laval doit sa naissance au Séminaire de Québec, fondé par Mgr de Laval en 1663. Le 8 décembre 1852, Sa Majesté la reine Victoria signait à Londres la charte royale qui octroyait au Séminaire de Québec les droits et privilèges d'université. Ce sont les dirigeants du Séminaire de Québec qui ont assumé la direction et l'administration de l'université depuis les débuts jusqu'à la fin de la Seconde Guerre mondiale. L'Université Laval a décerné ses premiers diplômes en 1854. Le 8 décembre 1970, l'Assemblée nationale du Québec accordait une nouvelle charte à l'Université Laval, charte qui fut promulguée en même temps que les premiers statuts de la nouvelle Université Laval, le 1er septembre 1971.

Selon la nouvelle charte et les nouveaux statuts, le Conseil de l'université est l'autorité suprême de cet établissement. A ce titre, il exerce tous les droits et pouvoirs de l'université. Il est composé de 51 membres auxquels s'ajoutent six personnes qui ont voix consultative et qui ont le droit de faire des propositions mais non celui de voter. Le Conseil de l'université est présidé par le recteur qui est la première autorité dans l'université et qui a la responsabilité générale de la marche et du progrès de l'université.

Le Conseil exécutif exerce tous les pouvoirs de l'université, à l'exception de ceux que la charte ou les statuts attribuent exclusivement au Conseil de l'université, à un organisme ou à un administrateur de l'université et de ceux que le Conseil de l'université, par simple résolution, se réserve ou réserve à d'autres organismes ou administrateurs. Le Conseil exécutif a pour tâche principale de régler au jour le jour les problèmes que présente l'administration de l'université.

Le Conseil exécutif est formé du recteur, des vice-recteurs, du secrétaire général et de quatre membres nommés par le Conseil de l'Université.

L'Université Laval est un établissement d'enseignement mixte et non confessionnel.

Terrains et bâtiments

Le campus principal de l'Université Laval est situé dans les territoires des cités de Sillery et de Sainte-Foy à l'ouest de la ville de Québec, capitale de la province de Québec. La cité universitaire couvre une superficie de 465 acres; y sont situés, entre autres édifices, 13 pavillons d'enseignement, une bibliothèque générale, quatre résidences d'étudiants, un pavillon de l'éducation physique et des sports.

L'université possède aussi des propriétés à l'extérieur de la cité universitaire; à Saint-Augustin de Portneuf et à Saint-Louis-de-Pintendre, des stations agronomiques; à Saint-David de l'Auberivière, une ferme; dans le parc des Laurentides, un pavillon pour l'enseignement et la recherche en sciences forestières; à Saint-Elzéar de Beauce, un laboratoire d'astrophysique et à Mont Mégantic (en collaboration avec l'Université de Montréal), un observatoire d'astronomie.

Bibliothèques

Le réseau des bibliothèques de l'université comprend: plus de 1,490,740 livres, incluant les publications gouvernementales, 32,702 titres de périodiques (revues et journaux), 619,569 microtextes, 97,505 cartes géographiques, 4,343 cartes anciennes, 2,365 atlas et 126,464 photos aériennes, 5,336 films, 168,634 diapositives, 11,233 disques, 386 ensembles multi-médias et une importante collection de thèses. Les services spécialisés de la bibliothèque de l'université sont l'audiovidéothèque, la cartothèque, et la cinémathèque.

Programmes et grades

L'Université Laval distingue fondamentalement trois types de baccalauréat: (1) le baccalauréat spécialisé, dont la plupart des cours portent essentiellement sur une même discipline ou un même champ d'études; (2) le baccalauréat avec majeure: comprenant un programme de cours de 60 crédits comme composante majeure et une mineure ou un bloc complémentaire de 30 crédits; (3) le baccalauréat général qui peut être structuré de trois façons: a) trois programmes de mineures correspondant à trois disciplines ou champs d'études; b) deux programmes de mineures dans des disciplines ou champs d'études différents plus un bloc complémentaire composé à son tour de deux autres disciplines ou champs d'études;

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* Membre ordinaire de l'AUCC

c) d'un ensemble de cours puisés dans plusieurs disciplines ou champs d'études structuré conformément aux règles prévues à cette fin et répondant aux objectifs du premier cycle et de l'étudiant. L'obtention du baccalauréat requiert la réussite de 90 à 155 crédits (selon le programme). Les maîtrises exigent de trois à quatre trimestres, soit 45 ou 60 crédits, tandis que les doctorats requièrent de six à huit trimestres, soit 90 à 120 crédits.

Systèmes de crédits

A l'Université Laval, le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail exigée d'un étudiant pour atteindre les objectifs d'un cours.

Selon le Règlement du premier cycle et le Règlement des deuxième et troisième cycles, le crédit représente quarante-cinq heures consacrées par l'étudiant à la présence à un cours et au travail personnel que ce cours exige selon l'estimation de l'Université.

Comme par ailleurs, la durée d'un trimestre est de quinze semaines, un crédit représente aussi trois heures consacrées chaque semaine d'un trimestre à suivre un cours et à en étudier la matière.

On trouvera des détails sur les programmes au chapitre **Grades et diplômes.**

Activité physique
Baccalauréat ès sciences (BSc)
Maîtrise ès sciences (MSc)
Philosophiae doctor (PhD)

Actuariat
Baccalauréat ès sciences (BSc)

Administration
Baccalauréat en administration des affaires (BAA)
Diplôme en administration
Maîtrise en administration des affaires (MBA)
Philosophiae doctor (PhD)

Architecture, aménagement du territoire
Baccalauréat en architecture (BArch)
Maîtrise en architecture (MArch)
Maîtrise en aménagement du territoire et développement régional (M ATDR)

Arts
Baccalauréat en arts visuels (BAV)
Baccalauréat ès arts (BA)
Maîtrise ès arts (MA)
Philosophiae doctor (PhD)

Droit
Baccalauréat en droit (LLB)
Maîtrise en droit (LLM)
Doctorat en droit (LLD)

Éducation
Baccalauréat en éducation (BEd)
Maîtrise ès arts (MA)
Philosophiae doctor (PhD)

Éducation physique
Baccalauréat en éducation physique (BSc)

Enseignement
Baccalauréat ès arts (BA)
Baccalauréat ès sciences (BSc)
Maîtrise ès arts (MA)
Philosophiae doctor (PhD)

Études anciennes
Baccalauréat ès arts (BA)
Maîtrise ès arts (MA)
Philosophiae doctor (PhD)

Lettres
Baccalauréat ès arts (BA)
Maîtrise ès arts (MA)
Philosophiae doctor (PhD)

Musique
Baccalauréat ès arts (BA)
Baccalauréat en musique (BMus)
Maîtrise en musique (MMus)
Doctorat en musique (DMus)

Sciences et génie
Baccalauréat ès sciences (BSc)
Baccalauréat ès sciences appliquées (BScA)
Maîtrise ès sciences (MSc)
Philosophiae doctor (PhD)

Sciences agronomiques et de l'alimentation
Baccalauréat ès sciences appliquées (BScA)
Maîtrise ès sciences (MSc)
Philosophiae doctor (PhD)

Sciences forestières et géodésiques
Baccalauréat ès sciences appliquées (BScA)
Maîtrise ès sciences (MSc)
Philosophiae doctor (PhD)

Sciences humaines et sociales
Baccalauréat ès arts (BA)
Baccalauréat en service social (BServSoc)
Baccalauréat en théologie (BTh)
Maîtrise ès arts (MA)
Maîtrise en psychologie (MPs)
Maîtrise en service social (MServSoc)
Maîtrise en théologie (MA)
Philosophiae doctor (PhD)

Sciences de la santé
Baccalauréat ès sciences (BSc)
Doctorat en médecine (MD)
Baccalauréat en pharmacie (BPharm)
Maîtrise ès sciences (MSc)
Doctorat en médecine dentaire (DMD)
Philosophiae doctor (PhD)

Diplômes et certificats

Au niveau du premier cycle, l'université décerne (sauf exception) un diplôme à l'étudiant qui suit avec succès un programme de majeure, programme à composante unique de 60 crédits. Elle décerne (sauf exception) un certificat à l'étudiant qui termine avec succès un programme de mineure, programme à composante unique de 30 crédits. Au niveau du deuxième cycle, l'université offre des certificats d'études avancées en didactique, en psychopédagogie, en théologie, en santé au travail, en pharmacie d'hôpital. Les programmes ont de 30 à 45 crédits et ont une durée de deux à trois trimestres. L'université offre également le diplôme en administration. Le programme comprend 36 crédits.

Programmes spéciaux

L'université n'offre pas de programmes coopératifs. Au niveau des 2^e et 3^e cycles, certains programmes de cours et surtout de recherche sont interdisciplinaires.

Durant l'été, l'université offre un programme spécial de français pour non-francophones. Les cours sont de trois niveaux: élémentaire, intermédiaire, supérieur. Le même programme est offert au trimestre d'automne et au trimestre d'hiver.

Programme d'échanges d'étudiants
A l'instar des universités québécoises, l'Université Laval a un programme d'échanges d'étudiants avec plusieurs universités américaines et certaines universités européennes. Ce programme d'échanges permet aux étudiants de l'université de faire une partie de leur scolarité (une année ou un trimestre) dans l'une ou l'autre des universités participantes.

Éducation permanente
L'université offre aux adultes des voies et moyens pour faciliter leur accès à l'enseignement universitaire.

Extension de l'enseignement universitaire
Organisées par les facultés et écoles de l'Université Laval, les activités offertes dans le cadre de l'extension de l'enseignement portent sur des matières qui se rattachent à l'une ou l'autre des disciplines enseignées à l'université: administration, agriculture et alimentation, arts, droit, éducation, foresterie et géodésie, gérontologie, lettres, médecine, musique, psychologie, sciences et génie, sciences infirmières, sciences sociales, théologie et autres. Les candidats qui désirent suivre les activités de l'extension doivent s'inscrire selon le mode propre à cet organisme.

Conditions d'admission

1^er^ cycle

Québec: Le diplôme d'études collégiales, un diplôme équivalent ou, pour d'autres candidats, des études et une expérience jugées équivalentes, constituent l'exigence minimale d'admission à tous les programmes de cours de 1^er^ cycle.

En plus de l'exigence générale, certains programmes exigent des connaissances préalables spécifiques pour assurer la poursuite des études. Pour les étudiants des collèges, ces exigences sont formulées par référence aux structures d'accueil établies dans le cadre du Comité de liaison enseignement supérieur / enseignement collégial (CLESEC). (Voir la brochure "Guide de l'admission" de l'Université Laval).

Autres provinces: les candidats canadiens non québécois trouveront les conditions d'admission dans le "Guide de l'admission à l'usage des étudiants étrangers et non québécois" publié par l'université.

2^e^ et 3^e^ cycles

Le baccalauréat, un diplôme équivalent ou des études et une expérience jugées équivalentes par le Comité d'admission et de supervision constituent l'exigence générale d'admission à tous les programmes de deuxième cycle.

Une maîtrise ou un diplôme équivalent constitue l'exigence générale d'admission à tous les programmes de 3^e^ cycle.

Tous les candidats déclarés admissibles mais dont le français n'est pas la langue maternelle doivent faire la preuve de connaissances suffisantes de cette langue. Le comité d'admission et de supervision peut exiger que le candidat passe un examen écrit et oral avant l'inscription.

Étudiants adultes
Les personnes âgées d'au moins 21 ans qui ont mis un terme à la fréquentation continue du système scolaire pendant au moins deux années consécutives au moment de la demande d'admission et qui présentent une combinaison de scolarité et d'expérience jugée équivalente au diplôme d'études collégiales, peuvent soumettre leur candidature au Bureau du registraire en vue d'une admission à un programme d'enseignement régulier. Ce bureau a le mandat d'aider les candidats adultes à être admis aux études universitaires en étudiant leur dossier en regard de leur projet d'études et en évaluant leurs chances de réussite à la lumière de la culture acquise et de l'expérience de travail. En règle générale, compte tenu de leur scolarité, les candidats adultes doivent, avant leur admission définitive, suivre avec succès un certain nombre de cours préalables.

Étudiants étrangers
Treize années de scolarité constituent l'exigence minimale d'admission à tous les programmes de cours.

Le candidat doit satisfaire aux exigences particulières du programme désiré. Les deux dernières années de scolarité du candidat doivent toujours être axées sur les matières le préparant à un éventuel choix de programme à l'Université Laval.

Certains programmes exigent des examens d'admission.

Le candidat étranger doit faire la preuve d'un niveau d'études comparable à celui qui est exigé d'un étudiant québécois pour entreprendre les mêmes études.

R.U. et Commonwealth: "General Certificate of Education" avec trois "A Level".

Les matières des trois "A Level" doivent préparer le candidat à son éventuel choix de programme à l'Université Laval.

Pour les programmes en sciences: "A Level" en mathématiques, en physique, en chimie et "O Level" en biologie.

États-Unis: Une année de "College" (freshman) après le cours secondaire. Pour tous les programmes de sciences, le dossier scolaire de l'étudiant est évalué selon les exigences particulières de chaque programme.

France: Pour les programmes de sciences humaines - baccalauréat de l'enseignement secondaire; pour les programmes des sciences - baccalauréat de l'enseignement secondaire plus une année d'études en sciences dans une université française.

Les candidats des pays non mentionnés ci-dessus doivent s'adresser au Bureau du registraire pour faire analyser leur dossier en regard des exigences d'admission.

Les candidats qui justifient d'un baccalauréat international d'un Collège du Monde Uni sont admissibles.

Tout document présenté à l'Université Laval doit être officiel. Par document officiel, on entend une copie ou photocopie certifiée conforme à l'original par une personne autorisée à le faire: juge de paix, notaire, avocat, attaché d'ambassade, etc. Tous les documents officiels adressés doivent être présentés en français ou en anglais.

Toute personne, autre qu'un citoyen canadien ou un immigrant reçu, désireuse de poursuivre des études au Québec doit obtenir, avant son arrivée, un Certificat d'acceptation délivré par le ministère de l'Immigration du Québec. Ce document est essentiel à l'obtention du permis de séjour pour étudiant (émis par Immigration-Canada).

Des documents sont exigés pour l'obtention de ce certificat, dont celui attestant de la solvabilité financière du candidat.

Pour toute information supplémentaire, on est prié de consulter le "Guide de l'admission à l'usage des étudiants étrangers et non québécois". Cette brochure est distribuée par le Bureau du registraire.

Demandes et délais

Dates limites de demande d'admission: études de 1er, 2e et 3e cycles et étudiants non francophones (candidats aux programmes réguliers en français, langue seconde); trimestre d'automne, 1er mars; trimestre d'hiver, 1er novembre; trimestre d'été, 1er avril. Les candidats des universités du Québec et des autres provinces canadiennes, ainsi que les candidats adultes doivent présenter leur demande d'admission avant le 1er mai pour le trimestre d'automne. Pour les trimestres d'hiver et d'été, les dates sont les mêmes que ci-dessus.

Les étudiants étrangers (hors du Canada) 1er, 2e et 3e cycles: trimestre d'automne, 1er février; trimestre d'hiver, 1er septembre; trimestre d'été, 1er avril.

Frais par session (1986-1987)

1er cycle - temps complet (12 crédits et plus) (par trimestre) $273: arts, droit, lettres, médecine, philosophie, psychologie, sciences de l'éducation, sciences sociales, théologie (catéchèse). L'étudiant libre, l'étudiant-visiteur et l'auditeur sont compris dans ce secteur.

$298: agriculture et alimentation, architecture, foresterie et géodésie, sciences de l'administration, sciences de la santé, sciences pures et appliquées.

$348: médecine dentaire.

$298 pour l'année scolaire dans le cas des internes et résidents.

Temps partiel (moins de 12 crédits): l'étudiant régulier à temps partiel doit payer $24 du crédit.

2e et 3e cycles - temps complet

Le coût entier d'un programme de 2e ou de 3e cycle correspond à autant de fois $10 que le programme comporte de crédits. Par conséquent, le coût entier d'un programme de 45 crédits $450; celui d'un programme de 90 crédits $900.

A ces montants sont ajoutés des frais afférents de $48 par trimestre.

Temps partiel; $10 du crédit plus des frais afférents de $4 par crédit.

Les droits de scolarité des étudiants étrangers: $2,900 par trimestre pour les étudiants inscrits à plein temps, ou $195 par crédit (et par trimestre) pour les étudiants à temps partiel; $175 par trimestre pour les étudiants inscrits en résidence-recherche, rédaction de mémoire ou de thèse; $2,900 pour l'année scolaire, pour les internes et résidents en médecine.

Résidence: le loyer de la chambre est de $122.50 par mois pour les trimestres d'automne et d'hiver. Les étudiants des cours d'été paient $43 par semaine.

N.B. Tous les droits sont sujets à changements sans préavis.

Année universitaire

Trimestre d'automne: début septembre-fin décembre. Trimestre d'hiver: début janvier-fin avril. Trimestre d'été: début mai-fin août. 1re session: début mai-fin juin (en majorité, cours donnés le soir); 2e session: début juillet-mi-août. La faculté des sciences de l'administration offre son enseignement durant toute l'année, soit durant trois trimestres.

Système de notation

L'étudiant doit satisfaire aux exigences d'une cote moyenne de succès pour tous les cours suivis. L'étudiant doit obtenir au minimum la note D (=2) pour réussir chacun des cours de son programme. Une moyenne cumulative pondérée égale ou supérieure à 2.5 donne à l'étudiant le droit de poursuivre ses études. La note de cours est exprimée par l'une des lettres suivantes ayant la signification et la valeur numérique indiquées. A excellent = 5; B très bon = 4; C bon = 3; D passable = 2; E insuffisant = 1; F nul = 0; W abandon avec échec = 0.

Aide aux étudiants

Les étudiants des premier, deuxième et troisième cycles peuvent bénéficier de bourses et prêts pourvu qu'ils remplissent les conditions exigées et qu'ils en fassent la demande aux autorités compétentes.

Ces bourses sont offertes par les gouvernements fédéral et provincial, par des compagnies, des fondations, sociétés ou organismes divers. Elles sont décrites dans une publication intitulée Aide financière. On peut se procurer cette publication et obtenir des renseignements supplémentaires sur les bourses au Service des bourses et de l'aide financière, Pavillon Maurice- Pollack, Université Laval, Québec, G1K 7P4.

Vie étudiante et services aux étudiants

A l'Université Laval, les Services aux étudiants et aux étudiantes sont regroupés au sein d'un organisme ayant pour nom "Vie étudiante". Ces services, dont les activités sont coordonnées par une Direction générale, sont au nombre de six:

- Service des activités socio-culturelles
- Service des activités sportives
- Service des bourses et de l'aide financière
- Service d'orientation et de counseling
- Service de pastorale
- Service de santé

La Direction générale de la vie étudiante sert également de point d'attache à six organismes qui poursuivent le même but que les Services de vie étudiante mais dans des domaines d'activités qui leur sont complémentaires:

- le Centre d'emploi du Canada sur le campus
- le Bureau d'information juridique
- le Bureau d'information en nutrition et en consommation
- le Bureau d'information sur les personnes handicapées
- le Bureau d'information sur les voyages
- le Centre de ressources universitaires sur le développement international
- le Jardin communautaire

Ces organismes sont tous autonomes et, à l'exception du Centre d'emploi, ils ont de plus la particularité d'être gérés et animés par des étudiants.

Service aux étrangers

La Direction générale de la vie étudiante s'occupe aussi de l'accueil des étudiants étrangers dans le but de répondre à certains besoins propres à ces étudiants en stage d'études à l'Université Laval.

Participation étudiante

L'université reconnaît la participation étudiante comme un apport à l'atteinte de ses objectifs. C'est pourquoi les étudiants sont invités à participer aux activités de certains organismes décisionnels ou consultatifs.

Les organismes centraux au sein desquels les Statuts assurent une participation étudiante sont:

Conseil de l'université: 8 étudiants
Conseil de l'École des gradués: 4 étudiants
Conseil de la vie étudiante: 6 étudiants
Commission de l'administration: 3 étudiants

Commission de la recherche: 2 étudiants
Commission des affaires étudiantes: 3 étudiants
Commission des études: 3 étudiants
Conseils des facultés: 6 étudiants
Bureaux des écoles: 2 étudiants

Outre la participation à ces organismes centraux, les Règlements pédagogiques prévoient la participation des étudiants aux comités de programmes.

Associations étudiantes

A l'Université Laval, il existe une confédération des associations d'étudiants et d'étudiantes du premier cycle (CADEUL). Cette confédération regroupe les associations des étudiants et étudiantes d'une faculté ou d'une école qui ont reçu une accréditation, c'est-à-dire une reconnaissance officielle de l'université. Le but de la CADEUL est de défendre et de promouvoir les intérêts des étudiants et des étudiantes. Les bureaux de la CADEUL sont situés à la Maison Marie-Sirois, Université Laval, Québec, G1K 7P4.

L'Union des gradués inscrits à Laval (UGIL) est l'association qui regroupe les étudiants des deuxième et troisième cycles. Le but de l'UGIL est, entre autres, de protéger les droits de ses membres en tant qu'étudiants, chercheurs et professionnels dans le cadre de leurs activités à l'Université Laval. Les bureaux de l'UGIL sont situés à la Maison Marie-Sirois, Université Laval, Québec, G1K 7P4.

Garderie

Il existe à l'université une garderie nommée Centre-Jour.

Ce service fonctionne 10 heures par jour (8 h à 18 h), 5 jours par semaine. C'est une coopérative autonome gérée par les parents des enfants. Cette garderie est subventionnée par l'université et le gouvernement provincial. Elle peut recevoir 85 enfants de 18 mois à 6 ans. Seuls les enfants des étudiants et des employés de l'université peuvent bénéficier de la garderie.

Logement

L'Université Laval met quatre résidences à la disposition de ses étudiants et étudiantes.

Parmi ces quatre résidences, deux reçoivent les étudiants et les étudiantes; ce sont les pavillons Alphonse-Marie-Parent et Ernest-Lemieux. Les deux autres résidences comprennent un pavillon pour les étudiants seulement (Pavillon H. Biermans-Moraud) et un pavillon pour les étudiantes seulement (Pavillon Agathe-Lacerte).

Au total, on compte 1358 chambres simples pour les étudiants et 940 chambres (933 chambres simples et 7 chambres doubles) pour les étudiantes.

Protecteur universitaire

L'Université Laval a un protecteur universitaire (ombudsman) qui a pour fonction de recevoir les plaintes des membres de la communauté universitaire et de faire enquête sur de telles plaintes lorsqu'il a raison de croire que le plaignant a été lésé par les mécanismes administratifs ou a été l'objet d'injustice de la part d'un membre agissant au nom de l'Université.

Centres de recherches multifacultaires

Centre de recherches en aménagement et en développement (CRAD). Directeur: J-G. Migneron, MA

Centre de recherches en nutrition (CREN). Directeur: J. De La Noue, BSc, DSc

Centre d'études nordiques (CEN). Directeur: S. Payette, DSc

Centre international de recherches sur le bilinguisme (CIRB). Directeur: J.D. Gendron, LèsL, DU

Centres de recherches facultaires

Centre d'études sur la langue, les arts et les traditions populaires des francophones en Amérique du Nord (CELAT). Directeur: J. Mathieu, BA, LèsL, DiplÉtSup, DèsL

Centre de recherche sur les atomes et les molécules (CRAM). Directeur: J.-A. Herman, DSc

Centre de recherche en littérature québécoise. Directeur: J. Blais, LèsL, DiplÉtSup, DèsL

Centre de recherche en cancérologie (CRC). Directeur: L. Bélanger, DM, MSc, PhD

Laboratoire des sciences de l'activité physique (LABSAP). Directeur: F. Landry, BSc, MSc, PhD

Laboratoire de recherche en optique et laser. Directeur: S.L. Chin, BSc, MSc, PhD

Laboratoire de recherche en sciences de l'administration (LRSA). Directeur: J. Rahn, BSc, MSc, PhD

Laboratoire de recherche en endocrinologie moléculaire. Directeur: F. Labrie, DSc, MD, FRCP(C)

Laboratoire de recherche en biologie cellulaire. Coordonnateur: D. Pallota, BSc, PhD

Laboratoire de recherche en neurobiologie. Directeur: L. Poirier, DM, MSc, PhD

Groupe interuniversitaire de recherches océanographiques du Québec (GIROQ). Secrétaire général: G. Filteau, BScA, DSc

The University of Lethbridge*

General Information

Address: 4401 University Drive, Lethbridge, Alberta
T1K 3M4
Telephone: (403) 329-2582
Telex: 03849101

Acting President and Vice-chancellor: Gerald Kenyon, BPE, MS, PhD

For a complete list of University of Lethbridge faculty, see the Lethbridge calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, Jack Oviatt, BEd. Prospective students may phone any department at (403) 329-2111.

High school liaison officers: Jeanna Baty, Lance Brown, telephone: (403) 329-2662

Enrolment (1985-1986):

Full-time undergraduate:	3,000
Part-time undergraduate:	520

Full-time faculty (1985-1986): 280

Total income (1985-1986): $36,844,350

General operating fund income

	('000)	
Government grants	$ 22,413	60.8%
Fees	3,132	8.5%
Miscellaneous	228	0.6%
Sub Total	$ 25,774	69.9%
Other funds income		
Ancillary enterprises	$ 2,866	7.8%
Special purpose and trust	2,537	6.9%
Sponsored research	1,530	4.2%
Miscellaneous	4,135	11.2%
Sub Total	$ 11,069	30.1%
TOTAL	$ 36,844	100%

History and Governance

The University of Lethbridge was established in 1967 within the Universities Act of the province of Alberta. The first students were registered in the 1967 summer session. In the fall of 1967, the university inaugurated undergraduate degree programs in the faculty of arts and science and in the faculty of education. In September 1980 a school of nursing (post RN) was inaugurated. In July 1981 a school of management was inaugurated. In 1985 the School of Fine Arts was established incorporating the Departments of Art, Dramatic Arts and Music.

The university is a co-educational, non-denominational, provincial institution. It is controlled by an 18-member board of governors, a 53-member general faculties council, and a senate.

Buildings and Grounds

The university campus occupies 450 acres in West Lethbridge, a city of 62,000. Focal point of the campus is University Hall, constructed in 1972. It houses the majority of classrooms, laboratories, and residences and is accessible to disabled students. Also located here are the library, administrative offices, bookstore and cafeteria.

The physical education fine arts building features both a large and a small gymnasium. The Max Bell Regional Aquatic Centre, featuring an Olympic standard pool, opened in January, 1986. Four service buildings complete the campus, housing a day care centre and various service departments.

In September 1981, the university officially opened the new Performing Arts Centre housing the departments of art, drama and music. The centre features a 412-seat theatre as well as two smaller theatres, an art gallery and office and classroom space for the departments. Opening of the centre has also initiated a music and drama production schedule for students and professional touring groups.

Library

The library collections total more than 600,000 books, periodicals, microfilm materials and government documents. Special collections include the Woodworth Collection of Canadiana. An interlibrary loan service is maintained, providing access to information from libraries in Canada, the United States and Europe. There are also microprinting and photocopying facilities and special facilities for disabled students. The seating capacity for library study is approximately 450.

Operating out of the library is a media distribution centre which provides audio-visual services consisting of the loan of audio-visual equipment, a listening centre, and viewing rooms for audio-visual materials. A collection of media items, including a library of 4,000 films, videotapes and records, is catalogued and housed in the centre. All university classrooms are wired to receive closed-circuit color television.

Programs and Degrees

Bachelor's degrees require four years of study (40 credits).

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts and science

Bachelor of arts (BA), (BSc), or (BASc)

Education

Bachelor of education (BEd)
Professional diploma in education (DPE) One year after BEd.
Combined Bachelor of arts and Bachelor of education (BA/BEd), (BMus/BEd) and (BSc/BEd) Five-year program leading to two degrees.
Master of Education (MEd)

Fine arts

Bachelor of fine arts (BFA)

Management arts

Bachelor of management (BMgt)

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*Ordinary member, AUCC

Music
Bachelor of music (BMus)

Nursing
Bachelor of nursing (BN) Requires two years of study.

Special programs
Native American studies: (faculty of arts and science). Program of courses and support services to study research language, history, culture and development of native communities, fostering cross-cultural understanding.

Student-initiated courses: Provision is made for students to initiate courses. As a result, credit courses may be designed which are relevant to contemporary issues and unusual or pertinent topics which otherwise might not be part of the structured curriculum.

Multidisciplinary major: Multidisciplinary or interdisciplinary majors allow students to concentrate on more than one subject area in meeting their degree requirements. This allows students to generalize or specialize as they see fit.

Applied Studies: An alternative learning option in which the student earns credit for learning while employed in a position outside the university. During the employment period students can explore their interests and aptitudes in a particular career, and test, reinforce, and make relevant the theories and principles learned in the classroom.

Continuing education
Evening session: undergraduate courses in arts, science, and education.

Summer school: undergraduate courses in arts, science, education, and management.

Admission Requirements

Undergraduate
Alberta: Alberta high school diploma with four 30-level subjects including English 30; minimum average of 60 per cent with no subject less than 50 per cent. A fifth subject (30-level or five-credit grade 12) is required with a minimum of 50 per cent.

Other provinces: Certificates of equivalent standing are required from all other provinces. All freshman students are admitted to the faculty of arts and science and after special criterion has been met, consideration for admission to other faculties and programs is given. British Columbia: grade 12 with appropriate subjects presented for admission. Saskatchewan: division IV or grade 12 standing with a 65% average in all group 30 level subjects presented for admission. Manitoba: grade 12 with completion of the appropriate 300 and 301 level subjects. Ontario: complete grade 13 with an average of 60% on appropriate academic subjects. Quebec: one year of CEGEP with subjects appropriate for university admission. New Brunswick: grade 12 (from 1972). Nova Scotia: grade 12 with an overall average of 60%. Newfoundland: first year at Memorial University. PEI: grade 12 with appropriate academic subjects and average (from 1977).

Mature students
Persons 19 years of age or older who do not meet normal requirements may be admitted as mature students.

Senior citizens
Applicants aged 65 and over are exempt from tuition fees and are subject to the same admission requirements as mature students.

Foreign Students
There are special admission requirements for foreign students including a minimum score of 550 on the Test of English as a foreign language (TOEFL) for students whose first language is not English. For further information, contact the registrar's office or consult the university calendar.

Application Deadlines

Applications for admission must be received by August 1 of the year in which admission is sought for the fall semester and by December 1 of the preceding year for the spring semester. Foreign students should apply two months in advance of these dates.

Costs (1985-1986)

Tuition: For Canadian citizens and landed immigrants, full-time (three courses) $387 per semester; more than three courses, $433 per semester; part-time, $129 per course.

Foreign students: Full-time (three courses) $580 per semester, more than three courses $649.50 per semester; part-time, $193.50 per course.

Residence: Single room $685 per semester; shared occupancy, $515 per semester. Meals are available from the food services cafeteria and costs vary. A meal plan is available.

Student union fees: $29.25 per semester.

Athletic and recreation fee: $13.50 per semester.

Application fee: A non-refundable $20 application fee must accompany each application for admission from all students.

All fees subject to change without notice.

Academic Year

Fall semester: early September to late December. Spring semester: mid-January to late April. Summer session: early May to mid-August.

Grading System

The university uses a letter and point system of grading as follows: A (excellent) 4; B (superior) 3; C (average) 2; D (poor)1; F (failure) 0; Cr (credit) no grade points; NC (no credit) no grade points; P (pass) no grade points.

Credit/non-credit alternative. A student may elect to take some courses as credit/non-credit. This alternative is offered to encourage students to expand their academic interests by taking courses outside their field of major interest.

Under the credit/non-credit alternative, either credit (CR) or non-credit (NC) is awarded in place of a letter grade. For satisfactory completion of courses requirements, the designation Cr is awarded. If course requirements are not fulfilled, the student is awarded the designation NC. Courses taken as credit/non-credit are not included in computation of the grade-point-average.

If requested by the student, substitution of Cr by a letter grade is permitted until 30 days after grades have been mailed. In such a case, the course is included in the grade-point average computation.

A student may enrol in a maximum of two credit/non-credit courses per semester, but may not enrol in more than a total of eight for credit towards a degree.

Students may not enrol in credit/non-credit courses in their major field, nor in required courses in education.

Student Aid

A number of awards are administered by The University of Lethbridge and are available to students entering the university for the first time and throughout their university career. The university offers $3,500 Chinook Scholarships to outstanding students entering the university as well as a variety of other entrance awards. Financial aid is also available through the Queen Elizabeth scholarship fund and the Canada Student Loans Plan.

Student Life and Services

The Students' Union was established by authority of the Alberta Universities Act and all full-time students are members. The union administers student affairs, both political and social, that affect the welfare of students.

Residence accommodation is provided for 340 students in suite arrangements for single occupancy, shared occupancy and double/single occupancy. Rooms are available to both men and women.

Students sit as full voting members on all governmental and administrative committees and councils within the university. They are also invited to participate in numerous departmental clubs and activities, sports or general interest clubs, and in the publication of the student newspaper.

The university maintains a health services clinic staffed by appropriate personnel and visiting physicians. The university does not assume responsibility for the costs of medical treatment.

A professional counselling staff provides personal and vocational counselling in individual or group settings. Faculty advisors are available in each department for students.

The Foreign Student Officer may be contacted through Student Services at (403) 329-2662.

Student services offers a placement service for students seeking part-time and summer employment. The placement of graduating teachers is handled by the faculty of education.

A regular bus service operates between West Lethbridge and downtown in accordance with a published schedule, and includes a stop at the north entrance of the academic/residence building. Parking facilities are available on the campus. For information, contact the controller's office.

Luther College*

General Information

Address: University of Regina, Regina, Saskatchewan S4S 0A2
Telephone: (306) 584-0255

President: Donald G. Lee, MA, PhD

For a complete list of Luther College faculty, see the Luther College calendar or the *Commonwealth Universities Yearbook.*

Enquiries and high school liaison: Direct general correspondence to the Director of Student Services, D. Boesch, BA, BEd, MEd

Enrolment (1985-1986):
Full-time undergraduate: 470
Part-time undergraduate: 60

Full-time faculty (1985-1986): 9

Total income (1984-1985): $1,832,000

General operating fund income

	('000)	
Government grants	$ 688	37.6%
Fees	171	9.3%
Miscellaneous	67	3.7%
Sub Total	$ 926	50.6%
Other funds income		
Ancillary enterprises	$ 816	44.5%
Special purpose and trust	38	2.1%
Plant	52	2.8%
Sub Total	$ 906	49.4%
TOTAL	$ 1,832	100%

History and Governance

The college was founded in Melville, Saskatchewan in 1913 as Luther Academy. In 1926 the academy moved to Regina and became a junior college in affiliation with the University of Saskatchewan. This affiliation continued until 1971 when the college federated with the university. New buildings were erected on the university campus and a mutually supportive program developed involving the university, Campion College and Luther College. In 1974, Luther College became a federated college of the new University of Regina with emphasis on personalized student-centred education.

Luther College is a co-educational liberal arts college and, while it retains a traditional affiliation with the Lutheran Church, is open to students of all denominations, creeds and backgrounds. It is governed by its own board of regents consisting of not more than 21 members and by the senate of the University of Regina on which the college is represented by its president.

Degrees are conferred by the University of Regina. Luther College professors are members of the staff of both the college and the university.

Buildings and Grounds

The college is located on the university campus in Regina, a city with a metropolitan population of 161,400. It houses classrooms, seminar rooms, study areas, a library, music listening and practice rooms, a worship centre, an auditorium, administrative and student offices, a residence and a cafeteria.

Libraries

The University of Regina library holds approximately 495,000 volumes, 346,000 microfilm holdings, 3,775 periodical subscriptions, 143,000 government documents, and 23,000 audio-visual items. Luther College library contains 8,000 volumes of standard reference materials and texts relative to courses taught at the college and its holdings are regarded as supplementary to the University of Regina resources.

Programs and Degrees

Bachelor's degrees require four years (128 credits) from senior matriculation unless otherwise specified.

A four-credit course at Luther College normally represents four lecture hours per week per semester.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Associate in arts (AA) Two years from senior matriculation.
Bachelor of arts (BA) Three years from senior matriculation. Honours program, four years from senior matriculation.
Bachelor of arts in journalism (BA)

Fine arts

Certificate in visual arts (VACert) Two years from senior matriculation.
Bachelor of fine arts (BFA)

Laboratory technology

Certificate of laboratory technology (CLT) Two years from senior matriculation.
Bachelor of laboratory technology (BLT) Three years from senior matriculation.

Music

Bachelor of arts (BA) Three years from senior matriculation.
Bachelor of music (BMus)
Bachelor of music education (BMusEd)

Religious studies

Luther College participates in a new program of religious studies in the university. Students may now obtain a major in religious studies leading to a BA degree. A minor in religious education is also offered through the faculty of education.

Science

Bachelor of arts (BA) Three years from senior matriculation.
Bachelor of science (BSc)
Honours bachelor of science [BSc(Hons)] Four years from senior matriculation.

Combined programs

Combined programs in arts and science and administration, dentistry, education, engineering, law, medicine and music enable a student to complete the BA, BSc and professional degree in less time than if the two were taken separately.

Special programs

Interdisciplinary: Interdisciplinary programs in French-Canadian studies, Canadian Plains studies and religious studies leading to a BA are available.

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* Ordinary member, AUCC. Federated with the University of Regina.

Co-operative: Work-Study Program available in most science studies.

Continuing education

Evening, intersession and summer school classes are offered in conjunction with the University of Regina.

Admission Requirements

Same as University of Regina. See separate entry.

Costs (1985-1986)

Tuition: For arts and science students for one semester, $141 per four-credit hour class or a total of $564. Two semesters, $944.

Residence: Room and board per year, $2,930 (private).

Student fees: $38.50 per year (compulsory)

All fees subject to change without notice.

Academic Year

Fall semester: early September to end of December. Winter semester: January to end of April. Intersession: early May to late June. Summer session: early July to mid-August.

Grading System

Same as University of Regina. See separate entry.

Student Aid

Students of the college are eligible for all scholarships, bursaries, prizes and loans available to arts and science students of the university and for other awards from private donors and government sources. The college offers $12,000 annually in scholarships and bursaries to its own students.

Student Life and Services

Students of the college are members of the Luther College Students' Association and the University of Regina Student Union.

Athletic facilities include the physical education centre which houses two gymnasia for basketball, volleyball, badminton and floor hockey. The centre also contains a teaching wing, study area, gymnastic area, and areas for fencing and judo. Luther College students participate in a full range of intramural and intercollegiate sports under the direction of the athletic department of the University of Regina.

The Luther College residence is co-educational and provides accommodation for 216 students, including those of the university. Complete food services are available to residents in the college cafeteria.

Choral opportunities exist on campus, and students may use the university health centre, bookstore, counselling services and the Canada manpower centre on campus. Regular chapel services are conducted on Wednesdays and Sundays for all students of the college and the university who wish to attend. The college chaplains are available to all its students.

McGill University*

General Information

Address: 845 Sherbrooke Street West, Montreal, Quebec H3A 2T5
Telephone: (514) 392-4311 (until January 1, 1987)
(514) 398-4455 (after January 1, 1987)
Cable: McGill University, Montreal, Quebec
Telex: 05268510

Principal and Vice-chancellor: D.L. Johnston, AB, LLB, LLD

For a complete list of McGill University faculty, see the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, J.P. Schuller, BA

Director, admissions: Peggy Sheppard, BEd, BA

Enrolment (1985-1986):

Full-time undergraduate:	12,818
Part-time undergraduate:	2,781
Full-time graduate:	3,919
Part-time graduate:	1,083

Full-time faculty (1985-1986): 1,654

Total income (1984-1985): $254,870,000

General operating fund income	('000)	
Government grants	$116,732	45.8%
Fees	22,242	8.7%
Gifts	5,871	2.3%
Miscellaneous	21,957	8.6%
Sub Total	$166,802	65.4%
Other funds income		
Ancillary enterprises	$ 12,156	4.8%
Special purpose and trust	9,822	3.9%
Sponsored research	66,090	25.9%
Sub Total	$ 88,068	34.6%
TOTAL	$254,870	100%

History and Governance

The Honourable James McGill, a prominent citizen of Montreal, died in 1813 and in his will bequeathed land and money to the Royal Institution for the purpose of founding a college or university. A royal charter was granted in 1821 and the University of McGill College opened in 1829 with teaching in the faculty of medicine. In 1843 the faculty of arts was formally organized. The first degree, a medical degree, was awarded in 1833.

McGill is a co-educational and non-denominational institution supported by public and private funds. The university has a 44-member board of governors and an 89-member senate.

Buildings and Grounds

The main campus, which houses 11 of the university's 12 faculties, is located in the city of Montreal (population 2,828,000). There are approximately 75 buildings on the site, including teaching and research facilities, a students' centre, a gymnasium, two swimming pools, a winter stadium, and a concert hall. There are also co-ed and women's residences.

Macdonald College, an incorporated college of the university, houses the teaching and research facilities of the faculty of agriculture. It is located in Ste-Anne-de-Bellevue, 32 km west of Montreal and has its own residences, student centre and recreational facilities. Also located on the campus are the Morgan Arboretum, the Lyman entomological museum, the McGill Herbarium, the Brace Research Institute and the Institute of Parasitology.

The Gault estate at Mont-St-Hilaire, a designated Biosphere Reserve under UNESCO, is used by the university for research and recreational purposes. The property is also protected as a federal bird sanctuary.

The University is involved in an on-going project to make the campus more accessible to disabled students. A map showing entrances and washroom facilities is available from the dean of students' office.

Libraries

The McGill University library system includes 24 libraries grouped by subject into five administrative units; these are coordinated by a central administration. The libraries now contain over 4,883,000 items and receive 14,400 serial titles.

The Osler library of the history of medicine contains some 33,700 items and has as its nucleus the 8,000 volumes bequeathed to the university by Sir William Osler. The McGill University Archives preserves and makes available to researchers primary documentation of permanent value generated over the past 150 years by members of the McGill community. In addition to the administrative records raised by the University, it holds the papers of many individuals and organizations affiliated with the University as well as records of businesses, churches and private organizations in the Montreal area.

Some special services are available for disabled students, such as telephone renewal of book loans and a reading service. A print-enlarger, brailled variable-speed tape recorder and talking calculator are also available. The libraries are all fairly accessible.

Special collections: Blackader-Lauterman library of architecture and art
Blacker-Wood library of zoology and ornithology
Lande collection of Canadiana
Rare book room
Islamic studies library
McCord museum (collection of Canadiana)
Redpath museum of natural history
Rutherford collection of experimental physics
Anatomical and pathological museums

Programs and Degrees

Bachelor's degrees normally require three years of study (90 credits in most faculties) after CEGEP unless otherwise specified. Master's degrees normally require a minimum of two years from bachelor's degrees and doctorates at least three years from bachelor's degrees or two years from master's degrees unless otherwise specified. "CEGEP" refers to the provincial Collège d'enseignement général et professionnel (College of general and vocational education).

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* Ordinary member, AUCC

Most undergraduate courses carry a credit rating. Generally a three-hour one-term course carries three credits. Graduate Studies and Research, Medicine and Dentistry are not on the credit system.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Agriculture

Bachelor of science in agriculture [BSc(Agr)]

Bachelor of science in agricultural engineering [BSc(AgrEng)]

Diploma in agriculture. Two years after graduation from high school. Mature students also considered. Training in modern agricultural practice.

Master of science (MSc) Two years from BSc(Agr) or BSc(AgrEng).

Doctor of philosophy (PhD)

Architecture

Bachelor of science (architecture) [BSc(Arch)]

Bachelor of architecture (BArch) Four years after CEGEP or equivalent or a minimum of one year after BSc(Arch).

Master of architecture (MArch)

Arts

Bachelor of arts (BA)

Graduate diploma in environmental remote sensing. One year from BA or BSc in subject area.

Graduate diploma in northern studies. One year from BA or BSc with major in subject area.

Master of arts (MA)

Doctor of philosophy (PhD)

Computer science

Bachelor of arts (BA) Minor program.

Bachelor of arts (BA) Faculty program in combination with mathematics

Bachelor of science (BSc) Honours program.

Bachelor of science (BSc) mathematics and computer science program

Bachelor of science (BSc) Faculty program in combination with mathematics

Bachelor of engineering (BEng) Minor program.

Master of science (MSc)

Master of science, applied (MScA)

Doctor of philosophy (PhD)

Dentistry

Doctor of dental surgery (DDS) Four years post-CEGEP or equivalent, or two full years in four-year program leading to the BSc or BA or equivalent.

Graduate diploma in epidemiology and biostatistics. One year from medical or dental degree.

Dietetics and Human Nutrition (Faculty of Agriculture)

Bachelor of science in food science [BSc(FSc)] Leads to professional qualifications necessary for dietetics or food science, as well as food and consumer services, nutrition and food chemistry. Also available are joint programs with the faculty of education leading to the BEd with a major in teaching of home economics, and with the faculty of management leading to the BCom with a major in food services administration.

Education

Bachelor of education (BEd) in elementary or secondary school teaching. Graduates qualify for an interim teaching permit issued by the Quebec Ministry of Education.

Bachelor of education (BEd) in vocational education. Full-time and part-time studies. Appropriate trade, business or professional experience required in addition to CEGEP diploma.

McGill diploma in education. One year after university degree, preparing candidates to teach in elementary or secondary schools. Graduates qualify for an interim teaching permit issued by the Quebec Ministry of Education.

Diploma and certificate programs of professional development for teachers (see **Continuing education programs**).

Master of arts in education (MA) Thesis required.

Master of education (MEd) No thesis required.

Doctor of education (DEd) in counselling.

Minimum two years of full-time study plus summer school between the two academic years from MEd (counselling) or equivalent degree. Field work and thesis required.

Engineering

Bachelor of engineering (BEng)

Graduate diploma in geophysics. One year from BSc or BEng in physics, geology, or related subjects.

Graduate diploma in mining engineering. One year from undergraduate degree followed by five months of approved experience in the mining industry.

Master of engineering (MEng)

Master of science (MSc)

Master of science (applied), MScA. Two years after BEng or BSc.

Doctor of philosophy (PhD)

Human communication disorders

Master of science, applied (MScA)

Master of science (MSc) Research program

Doctor of philosophy (PhD) Research program.

Law

Bachelor of civil law (BCL) Three years post-BA or post-CEGEP or equivalent. One year after LLB degree.

Bachelor of laws (LLB) Three years after completion of BA or one year after BCL.

Bachelor of civil law/Master of business administration (BCL/MBA) and Bachelor of laws/Master of business administration (LLB/MBA) Combined programs. Four years after an undergraduate degree.

Graduate diploma in air and space law. One session after BCL or equivalent professional standing. No thesis required.

Master of civil law (MCL) At least one year after BCL.

Master of laws (LLM) One full-time session resident study and one subsequent session, not necessarily in residence, after completion of first law degree.

Doctor of civil law (DCL) Three years after first degree in law.

Library and information studies (Faculty of Graduate Studies and Research)

Master of library science (MLIS) Two years after BA or BSc.

Management

Bachelor of commerce (BCom)

Master of business administration (MBA) At least two years after bachelor's degree. Full-time or part-time study.

Bachelor of civil law/Master of business administration and Bachelor of laws/Master of business administration. See **Law** above.

Doctor of philosophy (PhD) A bilingual program in administration offered cooperatively with Concordia University, École des Hautes Études Commerciales and Université du Québec à Montréal.

Medicine

Doctor of medicine and master of surgery (MD, CM) Five years post-CEGEP or equivalent. The first is a preparatory year with study in physical and biological sciences and humanities. Four-year program requires satisfactory completion of three full years of study at a recognized college or university after completion of secondary school.

Graduate diploma in medicine. Four years following MD and one year's internship.

Graduate diploma in epidemiology and biostatistics. One year from medical or dental degree.

Graduate diploma in genetic counselling. One year from BSc, BA, BSc(N) or MD.

Graduate diploma in occupational health. One year from bachelor's degree in related disciplines (medicine, nursing, psychology, etc.)

Graduate diploma in occupational hygiene. One year from bachelor's degree in related disciplines (engineering, chemistry, physics, biology, medicine).

Master of science (MSc) At least one year from MD.

Master of science, applied (MScA) At least two years from BA, BSc or equivalent.

Doctor of philosophy (PhD) At least three years from MD or two years from master's.

Music

Licentiate in music (LMus) Three years after high school leaving certificate. For advanced instrumentalists and singers who pass a senior-level audition and who wish to concentrate on the practical subject of their choice while limiting theoretical studies to basic areas in music history, theory, and ear-training.

Concert diploma. Two-year post-licentiate or equivalent course for highly gifted instrumentalists and singers who have demonstrated the talent and capacity for a professional performance career.

Bachelor of music (BMus) Three years post-CEGEP or equivalent with concentration in music. Demonstrated piano proficiency and entrance audition required.

Master of arts (MA) Two years after BMus.

Master of music (MMus) Two years after BMus.

Doctor of music (DMus) Two years resident study after MMus or equivalent and high degree of accomplishment as a composer.

Nursing

Bachelor of science in nursing [BSc(N)]

Graduate diploma in occupational health. See Medicine above.

Master of science, applied (MScA) Two years from bachelor's degree and nursing experience.

Physical and occupational therapy

Bachelor of science in occupational therapy [Bsc(OccTher)]

Bachelor of science in physical therapy [BSc(PhysTher)]

Master of science (MSc) in health science (rehabilitation) Two years after BSc (PhysTher) or equivalent.

Religious studies

Bachelor of theology (BTh) Three years post-BA or post-CEGEP or equivalent.

Master of arts (MA) One year post-BA or BTh. Thesis required.

Master of sacred theology (STM) Two years post-BA or post-BTh. No thesis required.

Doctor of philosophy (PhD) At least three years post-BTh or two years post-MA or post-STM.

Science

Bachelor of science (BSc)

Diploma in meteorology. One year from bachelor's degree in mathematics and/or physics. For professional career in meteorology.

Graduate diploma in geological sciences. One year from bachelor's degree.

Graduate diploma in environmental remote sensing. One year from bachelor's degree.

Graduate diploma in applied geophysics. One year from BSc or BEng in physics, geology, or related subjects.

Graduate diploma in northern studies. One year from BA or BSc with major in subject area.

Master of science (MSc)

Master of science, applied (MScA)

Doctor of philosophy (PhD)

Social work

Bachelor of social work (BSW)

Master of social work (MSW) At least one year after BSW.

Graduate diploma in advanced social work practice. One year after MSW.

Urban planning

Master of urban planning (MUP) Minimum two years of study and three-month internship with a recognized planning association after related bachelor's degree or equivalent.

Special programs

Programs in African studies, anatomical sciences, biogeography, Canadian studies, classics and linguistics, climatology, dynamics of the oceans and atmosphere, solid earth geophysics, East Asian studies, environmental studies, French Canada studies, geomorphology, history and philosophy of science, humanistic studies, industrial relations, Jewish studies, Latin American and Caribbean studies, Middle East studies, modern languages, modern literature, North American studies, northern studies, women's studies, MA program in comparative literature, and MA and PhD programs in communications. Other programs are available through research institutes of the university; for further information, see the section on research centres, institutes and programs in this chapter.

Summer session

The summer session (May through August) curriculum includes a wide range of undergraduate credit courses in agriculture, arts, education, engineering, management, music, religious studies, and science. There are also a number of courses offered at the graduate level, particularly in education.

Continuing education

Various evening programs are offered as follows:

Graduate programs

Graduate diploma programs in management, management (tourism) and public accountancy. In addition, post bachelor-level courses are available in engineering.

Undergraduate programs

Education

Bachelor of education degree programs in elementary and vocational education.

Certificate programs are offered in moral and religious education, reading instruction, second language teaching (English or French), special education, educational technology (media or computing), social studies education, native and northern education, teaching of the arts, and diagnostic and remedial teaching of mathematics.

Diploma courses are offered in educational administration, human relations and family life education, psychology and education of the gifted, and in college teaching.

Management
Bachelor of commerce (part-time)

Certificate programs are available in the following fields: computer-based accounting, banking administration, information systems, management, marketing, personnel, public relations, transportation, applied real estate and health and social services management.

In addition, the Centre offers courses recognized by external institutes, societies, corporations and associations for accreditation towards their own programs. There may be academic requirements for some of the programs listed above.

Languages, translation
Programs leading to a certificate of proficiency are available in English, French, German, Italian, Russian and Spanish; there are no academic prerequisites for admission.

A diploma program in translation is open to applicants who can demonstrate a high level of fluency in both English and French.

Non-certificate courses in Arabic, Armenian, Chinese, functional French for professionals, modern Greek, Hungarian and Japanese. Credit courses are available in Hebrew, Polish, Portuguese and Yiddish.

General courses
A number of general courses in the liberal arts are offered with no specified academic prerequisite. These include archaeology, Canadian studies, fine and applied arts, human behaviour, music appreciation, occupational preparation, and religious studies. Technical and semi-technical courses are offered to specific groups as a community service.

There are evening summer courses in accountancy, English, French and management and day summer seminars in executive and staff development and in industrial relations.

French summer school
A residential school with entirely French-speaking staff offers courses at the undergraduate and graduate levels. Extracurricular cultural and social activities play a major role in the program.

Academic Credit Transfer Agreement

Regular full-time undergraduate and regular full-time or part-time graduate students at McGill may, with written permission of the dean of their faculty, register for up to six credits in each academic year at any other university in the province of Quebec. Successfully completed courses will be fully recognized by McGill for the degree program in which the student is registered. Students wishing to take advantage of this should consult the associate dean of their faculty for details and conditions. A transfer credit form, available in the office of the registrar, must be completed. It permits the student to obtain required academic authorizations and the authorization of the director of finance. It also ensures fee transferral from McGill to the host university and the automatic reporting of marks and credits to McGill.

Admission Requirements

Undergraduate
Quebec: Holders of the diploma of collegial studies are considered for admission to the first year of the three-year university program.
Other provinces: Ontario grade 13 students may be admitted directly to a 90-credit program (three years) in some faculties if they have completed five appropriate academic subjects; in other faculties, between three to four years of study are required. English should be included in the student's program and the four electives should be appropriate to the program which the student wishes to enter. Students having only four subjects must make up an additional six credits at McGill. Students from provinces other than Quebec and Ontario who have completed grade 12 may be admitted to a 120-credit program (four years).

Mature students
Residents of Canada who will be 23 years of age or older (21 years or older for the faculty of music) by September 1 (for fall session) or January 1 (for winter session) and who lack the academic background normally required for admission may apply as mature students. In general, mature students will be entering university for the first time. Mature students may be admitted to the faculties of agriculture, arts, education, engineering, management, music, nursing, religious studies, science, and social work. Interested students should contact the admissions office for further information.

Senior citizens
Senior citizens are subject to regular admission requirements, unless they apply as mature students; the tuition fee is reduced by 50% for senior citizens.

Graduate
Students must have completed the equivalent of a McGill honours bachelor's degree with specified grades in appropriate subjects.

Foreign Students
Overseas students are advised to write College Entrance Examination Board (CEEB, minimum score 550) aptitude and achievement tests. The Test of English as a Foreign Language (TOEFL, minimum score 550) is required of students whose mother tongue is not English.

Applicants seeking admission to the faculties of dentistry, law, or medicine must hold a bachelor's degree.

USA: High school graduates may be admitted to programs requiring the completion of 120 credits or four years in the faculties of arts, education, management, engineering, physical therapy, occupational therapy, nursing and science. Students should have followed an academic program designed for university entrance. Applicants must submit CEEB scores. Credit or exemption is granted for advanced placement examinations in which a grade of "3" or better has been achieved. a) Applicants to management, nursing, and science should have a strong background in mathematics. b) Applicants to engineering should have a strong background in mathematics, chemistry, and physics. c) It is not possible to apply for admission to architecture or social work on the basis of grade 12; a minimum of one year of preparatory study in an appropriate program is required.

UK and Commonwealth: Students may be admitted directly into a program requiring the completion of 90 credits (three years) in arts, education, management, and science if they have completed three appropriate A-level papers. An average grade of "C" or better with no more than one paper having a grade of "D", is required. Students will be expected to have completed five GCE papers at the O-level, one of which must be English language. Students with fewer than three A-level papers can be offered admission but must complete additional credits to complete degree requirements. Students with very good grades in at least five appropriate O-level papers, plus one full year of formal education beyond O-level in a suitable academic program at a recognized school or college, may be admissible to an undergraduate program requiring the completion of 120 credits (or four years) in arts, education, management, nursing or science.

Students may apply for admission to a seven-semester university program in engineering if they have passes in five GCE O-level papers including English, mathematics, physics and chemistry, two years of studies in sixth form and Advanced Level papers in chemistry, mathematics and physics with a grade of "B" or better in each. Students lacking the full requirements may be considered for admission to an eight-semester program. Students who have very good grades in at least five appropriate O-level papers and one full year of formal education beyond O-level in a suitable academic program at a recognized school or college may be admissible to a program requiring the completion of eight semesters (four years).

Admission to the school of architecture is competitive and applicants are selected primarily on the basis of academic standing. Unless the student has achieved particularly outstanding results in A-level papers in chemistry, mathematics and physics, it is not possible to offer admission to architecture prior to the completion of further studies in either science or engineering. Practical experience in architectural work is not required but may influence the admissions committee in selecting candidates.

Students seeking admission to a three-year program in physical and occupational therapy must complete A-level biology, chemistry, mathematics, and physics and have achieved a grade of "C" or better in each.

Other: Applicants submitting the international baccalaureate will be considered for admission. Students from academic backgrounds other than those mentioned should contact the Admissions Office to determine their eligibility for admission consideration.

Application Deadlines

The deadline for submission of applications for undergraduate admission in September is February 1 (non-Canadian residents) or March 1 (Canadian residents) of the year in which admission is sought and September 1 (non-Quebec residents) or November 1 (Quebec residents) for January admission. Applications for admission to the faculty of graduate studies and research should be submitted to the dean's office by July 2.

Costs (1986-1987)

Tuition: Fees for Canadians and landed immigrants are based on a per credit charge of $19; this fee includes all the regular charges of the university for registration, tuition, laboratories, and libraries. Fees for a normal academic load of 30 credits would be $570 ($19x30). Exceptions to this are the faculties not on the credit system: medicine, $719; dentistry, $570 plus rental of clinical equipment; graduate studies, full-time master's and doctorate, $570; additional sessions master's and doctorate, $40. To all above fees must be added student services fees of $114 (student services fees for additional sessions in graduate studies are optional) course material fee of $3.33 per credit and student society fees.

Foreign student tuition (86-87): $193.33 pre credit for undergraduate students; $2,900 per trimester for graduate students; $2,900 per year for interns and residents in medicine. To all above fees must be added applicable student services fees and student society fees.

Board and residence: Co-educational and women, $3,329 to $4,296. Residence only at Macdonald College, $1,296 to $1,440 (no meals).

Student society fees: $52-$130.

Student health insurance fees: Compulsory for foreign students; single student, $473; student with family $965.

Fees for new athletic facilities: $15.

All fees are subject to change without notice.

Academic Year

Winter session: mid-September to early May (June for medicine and dentistry and some professional schools). Summer session in various subjects, May through August. Admission to most undergraduate programs in January is also possible.

Grading System

The earned grade point for each course is the product of the credit rating of the course and the grade rating attained. Courses are graded either by letter grades or in percentages as follows: A (85-100%), 4.0; A—(80-84%), 3.7; B+ (75-79%), 3.3; B (70-74%), 3.0; B—(65-69%), 2.7; C+ (60-64%), 2.3; C (55-59%), 2.0; D (50-54%), 1.0; F (0-49%), 0. Certain courses have been approved for pass/fail grading. Grades of C and better are considered satisfactory passes, D is a conditional pass and F a failure. Standing is determined on the basis of a grade point average which is computed by dividing the sum of the grade points earned for the year by the course credits attempted. The cumulative grade point average is the grade point average calculated using the student's entire record in the program. Grades D and F will continue to be used in the calculation of CGPA even after the course is repeated and passed or if a supplemental examination is taken.

For faculties not on the credit system grading is as follows: Medicine: S (satisfactory), 60-100%; U (unsatisfactory), under 60%. Dentistry: A, 80-100%; B, 71-79%; C, 61-70%; D, 60%; F, 0-59%. Graduate studies and research: pass mark, 65%

Student Aid

University bursaries and loans are available through the McGill Student Aid Office. Quebec students seeking government loan assistance should apply to the Student Aid Office at 3637 Peel Street, Montreal, Quebec H3A 1X1. Other Canadian students seeking government assistance should address their enquiries to the student aid office of the department of education in their home province.

Entrance scholarships are awarded in most undergraduate faculties. Applicants must be either Canadian citizens or landed immigrants who have one year's residence in Canada at the time of registration. Address applications to the university's Admissions Office.

Fellowships and assistantships are available to graduate students. Application should be made to the Fellowships Office of the faculty of graduate studies and research.

Student Life and Services

All students registered at the university are members of the Students' Society, except those governed by the constitution of the Macdonald College Students' Society, those registered in the faculty of graduate studies and research who are non-resident students and students who are members of the McGill Association of Continuing Education Students. Student members sit on almost all university committees and on the university senate and board of governors. A student ombudsman is elected by the society to investigate situations affecting students.

The university centre houses the offices of the students' society and all major extra-curricular activities at McGill. In addition to a cafeteria, students have access to lounges, a pub, a ballroom, and meeting rooms. Similar facilities exist at Macdonald college in the Centennial Centre.

A Post-Graduate Students' Society operates David Thompson House as a meeting place for all resident full-time graduate students. There are frequent organized social and cultural activities.

Douglas Hall, McConnell Hall, Molson Hall, and Gardner Hall are co-educational residences which accommodate a total of 822 students. In addition, the Royal Victoria College houses 259 women. The university maintains a number of apartments for married students in nearby locations and the off-campus housing service provides assistance to students seeking off-campus accommodation. Laird Hall at Macdonald College provides accommodation for 260 students.

There are over 250 activities and clubs which students may join including international clubs, religious groups, political clubs, theatrical and musical societies, Radio McGill, and the student newspaper, the McGill Daily. Sports facilities, physical education programs, intercollegiate, intramural and recreation sports clubs are centred in the Sir Arthur Currie Memorial Gymnasium, the McConnell Winter Stadium, the Percival Molson Memorial Stadium, and the Garfield Weston Pool.

Students in the faculty of law assist in the operation of a student-sponsored legal aid service.

A day care centre for very young children of students and staff is available.

The dean of students is responsible for all student services and is available to students for consultation on individual problems and for information concerning the university and its procedures. He also acts as unofficial ombudsman and assists students who feel that normal channels are not sufficient in their cases. In addition, the dean of students' office is the coordinating centre for any special support services necessary for a student with a temporary or permanent physical disability. Inquiries should be directed to: Mrs. Aikens, Coordinator for Disabled Students Information, at (514) 392-4875.

Medical services are provided to all full-time students and to part-time students who pay student services fees by the McGill University Health Service. Clinics operate five days a week and a physician is always on call at night and on weekends. A mental health service provides psychiatric and psychological help to students. All international students are required to take out health and accident insurance provided on a group basis.

During the academic year, the International Student Adviser's Branch of the Student Aid and International Student Adviser's Office handles all financial and general matters concerning visa students. There is also an International Student's Association which organizes programs and activities throughout the school year.

Students who are undecided about their programs may consult a faculty adviser in the appropriate student affairs faculty office. Incoming students should do this as early as the month of March. Those who have decided on their programs may proceed to an academic adviser for completion of a study plan form. These advisers are available for consultation to undergraduate students throughout the academic year.

The orientation service is available to all incoming students during the last two weeks of August. Group meetings, campus tours, and social hours are included.

A tutorial service is available to students during the fall and spring terms. Students are tutored by senior honours and graduate students. Sessions are one hour in length and two to four students are tutored at each session. The cost to the student is minimal and depends on the number of students in the group.

The Student Counselling Service provides a place for students of all faculties to discuss any problem confidentially. Services offered include individual and group therapy, awareness groups, marital and sexual therapy, psychological assessment, vocational testing, effective reading courses, educational and career planning, and a career information library. Services are free to members of the university community.

A pastoral service is available through the campus chaplains.

The Canada Employment Centre provides a comprehensive placement service for part-time, summer and permanent employment.

The university bookstore provides a comprehensive stock of current textbooks, reference material, and academic supplies as well as items of general interest.

Students are not permitted to park on the Montreal campus. Limited parking at monthly rates is available for students living in residences.

Research Institutes, Centres and Programs

The institutes listed below carry out research and teaching in a number of specialized fields. In most, facilities exist for qualified students wishing to take higher degrees.

Aerospace Medical Research Unit. Director: G. Melvill Jones, MA, MB, MBBCh, FCASI, FRS

Centre for Studies in Age and Aging. Director: TBA

Allan Memorial Institute of Psychiatry. Director: B.M. Robertson, MBChB

Anaesthesia Research Department. Director: K.Krnjevic, MB, ChB, BSc, PhD, FRS(C)

Anthropology of Development Program. Director: R.F. Salisbury, AM, MA, PhD

Artificial Cells and Organs Research Centre. Director: T.M.S. Chang, BSc, MD, CM, PhD, FRCP(C)

Bellairs Research Institute. Director: Wayne Hunte, BSc, PhD

Biochemical Engineering Research Unit. Director: B. Volesky, MSc, PhD

Biomedical Engineering Unit. Director: R.E. Kearney, BEng, MEng, PhD

Office of Biotechnology. Director: K.K. Ogilvie, BSc, PhD, DSc, FCIC

Brace Research Institute. Director: T.A. Lawand, BEng, MSc

Cognitive Sciences Centre. Director: TBA

Centre for Continuing Medical Education. W.D. Dauphinee, MD, FRCP(C)

Centre for Developing Area Studies. Director: W.R. Armstrong, BA, MA, MSc(Econ), PhD

Centre for East Asian Studies. Director: F. Ikawa-Smith, BA, MA, PhD

Centre for Human Genetics. Director: L. Pinsky, BSc, MD, CM

Centre for Teaching and Learning Services. Director: J.G. Donald, MA, PhD

Centre for the Study of Regulated Industries. Director: R. Schultz, MA, PhD

Centre for the Study of Reproduction. Director: B. Robaire, BA, PhD

Computing Centre. Director: W.D. Thorpe, MA

Dairy Herd Analysis Service. Director: J.E. Moxley, PhD, BSc(Agr), MSc

English and French Language Centre: Director: B. Sheppard, BA

Foster Radiation Laboratory. Director: J.K.P. Lee, BEng, MSc, PhD

French Canada Studies Centre. Director: F. Ricard, BA, Dr3rdCy, MA

Gault Estate (Mont-St-Hilaire). Warden of the Gault Estate and Director of Nature Centre: M. Drew, BSc; Research Director of Gault Estate: M.J. Lechowicz, BA, MS, PhD

Geotechnical Research Centre. Director: Raymond Yong, BA, ScB, (CivilEng) MSc(CE), MEng, PhD

Immunology Research Centre. Director: J. Kalff, MSA, PhD

Industrial Relations Centre. Director: R.M. Adams, PhD

Offices of Industrial Research. Director: B. Stripp, PhD

Institute of Air and Space Law. Director: N.M. Matte, LLD, DCL

Institute of Comparative Law. Director: A. de Mestral, AB, BCL, LLM

Institute of Islamic Studies. Director: D.P. Little, BA, MA, PhD

Limnology Research Centre. Director: J. Kalff, MSA, PhD

Institute of Oceanography. Director: J.B. Lewis, BSc, MSc, PhD

Institute of Parasitology. Director: R.K. Prichard, BSc, PhD

Macdonald Raptor Research Centre. Director: D.M. Bird, BSc, MSc, PhD

McGill Cancer Centre. Director: A. Fuks, MD, CM

McGill University Herbarium. Curator: M.J. Waterway, BA, MS

McGill Research Centre for Intelligent Machines. Acting Director; P. Bélanger, BEng, SM, PhD, FIEEE

McGill International. Director: E. Donefer, BS, MS, PhD

McGill Centre for Northern Studies and Research. Co-Directors: T.R. Moore, BSc, PhD; M. Stenback, BA, MA, PhD

McGill Centre for Tropical Diseases. Director: J.D. MacLean, BA, MD, FRCPC

McGill-Montreal Children's Hospital Learning Centre. Director: G. Taylor, MD

McGill Sub-Arctic Research Laboratory. Director: T. Moore, BSc, PhD

McGill University Project for Hearing-Impaired Children. Director: E. Cole, BSc, EdD

Animal Resources Centre. Director: R.H. Latt, DVM

Management Institute. Director: N.J. Keesal, BA, DBA

Medical Physics Unit. Director: M. Cohen, BSc, PhD, FIP, ARCS

Centre for Minimum Cost Housing. Director: W. Rybezynski, BArch, MArch, OAQ

Montreal Neurological Institute and Hospital. Director, Institute: D.W. Baxter, MD, CM, MSc, FRCP(C). Director, Hospital: J. Shannon.

Morgan Arboretum. Curator: J.D. MacArthur, BScF

Nutrition and Food Science Centre. Director: E.B. Marliss, MD, FRCPC

Phonetics Research Laboratory. Director: TBA

Radar Weather Observatory. Director: G.L. Austin, MA, MSc, PhD

Social Science Computing Centre. Director: U. Locher, VOM, STM, PhD

Affiliated Colleges

The Montreal Diocesan Theological College, 3473 University Street, Montreal, Quebec H3A 2A8 Telephone, (514) 849-3004. Anglican. For men but women may be ordained as deaconesses of the Anglican Church. Founded in 1893. Offers courses in theology leading to a certificate for ordination granted by the college and courses leading to the bachelor of theology degree which is awarded by McGill University. Residential accommodation for 34 men. There are 13 apartments for married students. Principal: A.C. Capon, MA, BD, DD

The Presbyterian College of Montreal, 3495 University Street, Montreal, Quebec H3A 2A8 Telephone, (514) 288-5256. Presbyterian. Co-educational. Established in 1865. Offers courses in theology leading to the diploma of the college and a professional year certificate. The bachelor of theology degree is awarded by McGill University. Provides residential accommodation for 35 single students. Principal: W. Klempa, BA, MA, BD, PhD

The United Theological College of Montreal, 3521 University Street, Montreal, Quebec H3A 2A9 Telephone, (514) 849-2042. United Church. Co-educational. Founded in 1926. Offers courses in theology leading to a certificate for ordination granted by the college and courses leading to the degree of bachelor of theology awarded by McGill University. Principal: Pierre Goldberger, BA, BSc, LTh, DEA

Constituent Colleges

Macdonald College, 21, 111 Lakeshore Road, Ste-Anne-de-Bellevue, Quebec H9X 1C0 Telephone, (514) 457-2000. Residential college founded in 1907 houses the faculty of agriculture including the school of food science, and institute of parasitology. Vice-principal: R.B. Buckland, BSc(Agr), MSc, PhD

Royal Victoria College, 3425 University Street, Montreal, Quebec H3A 2A8 Telephone, (514) 392-4553. Opened in 1899, provides residential accommodation for 259 women. Not a teaching college.

McMaster University*

General Information

Address: Hamilton, Ontario L8S 4L8
Telephone: (416) 525-9140
Telex: 021-8347

Principal and Vice-chancellor: A.A. Lee, BA, MA, PhD

For a complete list of McMaster faculty, see the McMaster undergraduate calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, A.L. Darling, BSc, MEd

Manager, student liaison: Chris Jewell

Enrolment (1985-1986):

Full-time undergraduate:	10,104
Part-time undergraduate:	2,983
Full-time graduate:	1,119
Part-time graduate:	820

Full-time faculty (1985-1986): 925

Total income (1984-1985): $192,598,000

General operating fund income	('000)	
Government grants	$ 77,177	40.1%
Fees	16,805	8.7%
Miscellaneous	8,129	4.2%
Sub Total	$102,111	53.0%
Other funds income		
Ancillary enterprises	$ 16,031	8.3%
Special purpose and trust	19,534	10.1%
Sponsored research	50,851	26.4%
Plant	4,071	2.2%
Sub Total	$ 90,487	47.0%
TOTAL	$192,598	100%

History and Governance

In 1987, McMaster University celebrates 100 years of active life in post-secondary education. Named after Senator William McMaster, who bequeathed substantial funds to endow a Christian school of learning, McMaster University was established by an act of the Ontario legislature in 1887. From then until 1957 it was governed by the Baptist Convention in Ontario and Quebec. Teaching began in Toronto in 1890, and the first degrees were conferred in 1894.

The university moved to Hamilton in 1930. In 1948, it was reorganized into three colleges: Divinity College; University College (arts); and Hamilton College (science) which was non-denominational and operated under its own board of governors as an affiliated college. In 1957, the Baptist Convention withdrew from legal control of the university, and the university and Hamilton College became one, non-denominational corporation. McMaster Divinity College was at the same time incorporated as an affiliated theological college. In 1967, the constituent colleges were dissolved and replaced by a divisional structure composed of the divisions of arts, science and engineering, and health sciences. The division of arts was divided into three faculties: business, humanities, and social sciences. The division of science and engineering was composed of two faculties, science and engineering; and the division of health sciences consisted of the faculty of medicine. These revisions were implemented during the academic year 1967-1968.

As of July 1, 1974, the divisional structure of the university was dissolved. The three divisional vice-presidents were replaced by a single vice-president (academic). Each of the faculties continued under its respective dean. The faculty of medicine became the faculty of health sciences and included the school of nursing and the school of medicine.

McMaster University is non-denominational and coeducational. It is governed by a 44-member board of governors and an academic senate of 65 members.

Buildings and Grounds

The city of Hamilton (population about 312,000) is situated on Lake Ontario and is the gateway to the Niagara peninsula. It is the second largest city in Ontario and the largest Canadian inland port on the Great Lakes Seaway. The university occupies about 250 acres in west Hamilton, its lands being bordered by tracts of parkland forming part of the extensive acreage of the Royal Botanical Gardens. The campus is reserved for pedestrian traffic, with ample parking facilities at all campus entrances and a free shuttle bus service. There are 40 buildings on campus, including the Health Sciences Centre and student residences. Research labs in all science and engineering departments are housed in physical sciences, senior sciences, general sciences, life sciences, psychology, engineering, applied dynamics, nuclear research and accelerator buildings and the newly-constructed communications facility to house teaching and research laboratories. On July 1, 1986 the McMaster Institute for Molecular Biology and Biotechnology was established as a research centre and a teaching resource. The nuclear reactor and accelerator provide facilities for work in nuclear science and engineering research; greenhouses provide facilities for work in botany and biochemistry. Facilities for interdisciplinary research in materials science are located in the senior sciences complex. There are extensive data processing and computing facilities located in various centres around the campus. The university has made substantial financial and resource commitments to improving its facilities for handicapped persons. Many of the buildings are now accessible and additional learning resources are being acquired.

Library

The library holdings of the university total over 1,394,000 bound volumes, 990,564 microform items, over 2,100 linear meters of archival items, 159,000 non-print items and over 14,450 serial titles and government publications. The library system, which also serves McMaster Divinity College, includes the main library (Mills Memorial Library), the Innis Room business lib library (Burke science building). Independent of the library system, the Urban Documentation Centre was established in 1968, and contains approximately 23,000 items in subject areas of urban studies.

The McMaster library is a depository for Canadian, British and some US government documents and has been one of three depository libraries in Canada for atomic energy documents.

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*Ordinary member, AUCC

Special research collections and archives: Bertrand Russell archives
18th-century English and European imprints (including Swift, Defoe, Fielding collections)
Anglo-Irish collection
Samuel Beckett
Canadian social history files
World War I and II collections
Canadian Union of Students files
Canadian Youth Congress
Quebec radical archives
Manuscripts and correspondence (Pierre Berton, Vera Brittain and Sir George Catlin, Anthony Burgess, Matt Cohen, John Robert Colombo, John Coulter, Marian Engel, Gabriel Fielding, Judy LaMarsh, Margaret Laurence, David McFadden, Farley Mowat, Peter Newman, Thomas Carlyle)
Papers of Canadian labour unions
Records of the Anglican Diocese of Niagara
General Steel Wares Archives and the archives of the McClelland and Stewart and MacMillan of Canada publishing companies.

Programs and Degrees

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

Bachelor's degrees require four years from senior matriculation unless otherwise specified. Master's degrees require a minimum of one year from a bachelor's degree unless otherwise specified. Doctorate degree requires a minimum of three years from an honours bachelor's degree or two years from a master's degree unless otherwise specified.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) Three years from senior matriculation. Honours program, four years from senior matriculation.
Master of arts (MA)
Doctor of philosophy (PhD)

Arts and science

Bachelor of arts (BArtSc) Three years from senior matriculation.
Bachelor of arts (honours) [BArtSc (honours)] Four years from senior matriculation.

Commerce

Bachelor of commerce (BCom)
Bachelor of commerce (honours) [BCom(Honours)]
Bachelor of commerce and arts [BCom&Arts(Honours)]
Master of business administration (MBA) One year from BCom and two years from other bachelor's degree. Full-time, part-time or cooperative study.

Engineering

Bachelor of engineering (BEng)
Bachelor of engineering and management (BEngMgt) Five years beyond senior matriculation. Joint program with faculty of business.
Master of engineering (MEng)
Doctor of philosophy (PhD)

Medicine

Doctor of medicine (MD) Three years (33 months) following completion of minimum three years in a recognized university with at least overall B (second class) average in university career.
Master of health science (MHSc)
Master of science (medical science) (MSc)
Doctor of philosophy (medical science) (PhD)

Music

Bachelor of music (BMus)
Bachelor of arts (BA) Three years from senior matriculation.

Nursing education

Bachelor of science in nursing (BScN) Four years from senior matriculation. For diploma registered nurses, program is two years in length.

Occupational therapy/physiotherapy

Bachelor of health sciences (BHSc) for holders of diplomas in occupational therapy and physiotherapy only, and one year in length.

Physical education

Bachelor of physical education (BPE)
Master of science (MSc)

Science

Bachelor of science (BSc) Three years from senior matriculation. Major program, four years from senior matriculation. Honours program, four years from senior matriculation.
Master of science (MSc)
Doctor of philosophy (PhD)

Social work

Bachelor of arts/Bachelor of social work (BA/BSW) Combined four-year program from senior matriculation.
Bachelor of social work (BSW) Two years following completion of an undergraduate degree.
Master of arts (MA)

Theology

Master of divinity (MDiv) Three years from bachelor's degree and comprehensive examinations.
Master of religious education (MRE) Two years from bachelor's degree.
Certificate in theology. Two years following one year of arts.

Special Programs

Combined programs. McMaster provides many opportunities to combine two subjects of study within one faculty, or between two faculties in many of the Honours programs and in two of the 3-year programs.

Second Undergraduate Degree. Provision exists for a university graduate to take a second bachelor's degree. This program is normally shortened.

Courses Instructed in French. In order to facilitate the intellectual development of students in the French language, the university has adopted the following policy for 1986-1988. The University will attempt to offer one or two courses annually when French is the language of instruction. These courses are open to all students providing they have the necessary prerequisites for the courses concerned and a suitable working knowledge in the French language.

Listeners: Students not seeking credit: apply through the Centre for Continuing Education.

Continuing education
Evening and summer courses leading to most undergraduate degrees outlined above, as part-time degree studies. Matriculation not required.

The Centre for Continuing Education offers certificates in addiction studies, business, corrections, foremen, labour studies, human resource development, metallurgy of iron and steel, microcomputer, personnel management, policy administration, retail administration, seniors' services, social welfare, and executive secretarial and administrative assistants. Professional Designation certificates also offered (banking, trust companies, credit union, industrial management, etc.) Adult education services also include a wide selection of general interest courses, workshops and seminars to meet community needs. Calendars are available.

Admission Requirements

Undergraduate

Ontario: Education level equivalent to full Ontario honour graduation diploma (level 5 or grade 13) in appropriate subjects; admission from level 4 or grade 12 is possible with high academic study in grade 12, two grade 13 subjects, and principal's report and recommendation with school record. CAAT students and Ryerson Polytechnical Institute students may be admissible and may qualify for advance credit; students who will be presenting OAC's should contact the university to determine acceptable substitutions for grade 13 subjects. Contact assistant registrar (admissions).

Other provinces: Candidates may be admitted on the basis of qualifications recognized as equivalent to the level 5 (grade 13) subjects in Ontario. Such candidates should make early application for admission. Alberta, British Columbia, Manitoba, New Brunswick, Northwest Territories, Nova Scotia and Saskatchewan: grade 12. Newfoundland: year one Memorial University. Prince Edward Island: year one University of PEI. Quebec: appropriate CEGEP standing (General course) or Senior High School Leaving Certificate.

Mature students

Applicants must be 21 years of age and out of full-time secondary school a minimum of two years and have not attended university before; applicants for full-time study must take an aptitude test and be considered by a selection committee. Part-time studies possible in most faculties.

Senior citizens

Students 65 years of age and over are subject to normal admission requirements or those for mature students if they are seeking a degree or other academic credit. Tuition fees are waived for senior students.

Foreign Students

Foreign students are limited to 5% of the yearly enrolment in all programs with quotas on total enrolment.

Foreign students whose mother tongue is not English may be asked to take the University of Michigan English Language Test (MELT), minimum acceptable score of 85 for engineering and science students, 90 for all other programs; the Test of English as a Foreign Language (TOEFL) is acceptable with a minimum score of 580.

UK and Commonwealth: Applicants must have GCE with first class standing in five subjects, at least two at A-level appropriate to faculty specifications.

USA: Academic high school graduation with either 1) a first class standing and acceptable CEEB or CLEP examination scores or 2) high standing from Grade 12 of an accredited high in the USA or satisfactory standing in one year of accredited college or university work and in subjects appropriate to faculty specifications.

Other: Official or certified copies of diplomas equivalent to Ontario honour graduation. Certificates in languages other than English should be accompanied by notarized English translation. Satisfactory scores on University of Michigan English language test when English not mother tongue. Applicants submitting international baccalaureate will be considered.

Graduate

Applicants to PhD programs will normally hold a master's degree (with standing equivalent to McMaster B+). Alternatively, student may be reclassified PhD student, at his or her request, not sooner than two terms from initial registration in master's program. These requests require review by department concerned and by committee on graduate admission and study. In exceptional cases, admission is possible from bachelor's degree if previous academic records show sufficient promise (normally first class standing). Student's progress is reviewed by supervisory committee and department.

MA, MHSc, MSc, MEng: Regular students must hold honours bachelor's degree or equivalent with at least upper second-class standing (equivalent to a McMaster 8.5 Grade Point Average) in final two years in subject in which applicant proposes to do graduate work, except for MEng where requirement is at least second-class standing. Other evidence, such as letters of reference, also given consideration. Qualifying students hold honours bachelor's degree with good second-class standing in final undergraduate year but without sufficient specialization to meet conditions of regular admissions.

MBA: Applicants must be graduates in arts, science, commerce or engineering of accredited colleges and universities; other graduates of these institutions may be admitted with special permission. Highly qualified students who do not possess a university degree may be considered. Applicants must normally have second-class standing in last two years of undergraduate work. Applicants must submit scores in Graduate Management Admission Test (Educational Testing Service, Princeton, New Jersey, USA 08540). Applicants seeking advance standing may be required to submit certification of relevant courses taken elsewhere.

Applications for qualifying status in MA and MSc programs considered from mature students who are not honours bachelor's graduates but who, some years beyond undergraduate work, have developed interest in specialized study at graduate level, if applicant can provide strong letters of recommendation or submit other evidence of ability. Applications for qualifying status in MEng program considered from mature students who have not achieved second-class standing in BEng.

Application Deadlines

Winter session (Sept. to April) full-time studies - July 15, part-time studies - August 15.
Winter session, Term 2 (Jan. to April) - Nov. 30
Jan/Feb. to June courses - January 10
Summer evening - April 15
Summer day - May 31
Deadlines by program: Medicine - Nov. 1; Nursing, non-grade 13 - Feb. 15; Nursing, grade 13 - May 1; Social Work

- March 1; Labour studies - April 15; Occupational therapy/physiotherapy - April 1.

Costs (1986-1987)

Tuition: Full-time undergraduate (24 units or more) $1,263 with the exception of: engineering (all levels) and engineering and management (upper levels), $1,373; medicine I and II $2,412; medicine III, $1,608.

Full-time undergraduate Visa students, $4,330, with the exception of: nursing, engineering, medicine III, $7,060; medicine I, II, $10,590.

Full-time graduate, (three terms); $1,400; full-time Visa graduate students, (entering McMaster after September 1982) $7,435 per year, or $2,649 per term

Part-time undergraduate (less than 24 units) charged at $44.75 per unit; part-time graduate $133 per half course and $266 per full-course. Part-time undergraduate Visa students charged $427 per three units, with the exception of courses from engineering and nursing, which are charged at the rate of $583 per three units.

MBA fees (two terms) $1,270 and $160 per single-term course for part-time; for MBA Visa student fees, contact the MBA program office.

Listeners in undergraduate courses are charged one-half of the standard fee.

Persons aged 65+ pay no tuition fees.

Incidental fees for undergraduates range from $120 to $150, depending on program and include fees for student organizations, athletics, student health services, student identification cards and association fees. Part-time undergraduate students (those taking less than 18 units) are assessed incidental fees of $1.25 per unit.

Graduate students are also subject to registration fees of $5 for full-time and $45 for part-time. MBA students also pay an application fee of $10 and MBA Association fee of $15 per term.

Residence: Room and board (two meals per day, five days per week; no weekend meals; no breakfast) $2,670; apartments (room only) $1,365 per person;food plan only, $1,305.

All fees subject to change without notice.

Academic Year

Winter session: September to April (two terms totalling 26 weeks of instruction). Summer session: evening sessions April to June and July 1 to August 15; six-week day session from July 1 to August 15; January/February to June evening session.

Grading System

The university uses a combination of letter grades and a 12-point grade-point-average system. First class: (A—, A, A+); 10.0-12.0. Second class: B; 7.0-9.0. Third class; C; 4.0-6.0. Pass: D; 1.0-3.0. Failure: F; 0.0.

Student Aid

McMaster University offers a large number of scholarships to students entering the first year of undergraduate studies, as well as to students in course on the basis of their performance at the university. More information can be obtained from the university calendar or by writing directly to the university academic awards officer.

Also available are supplementary student financial aid in the form of university-administered bursaries and loans, the Ontario Student Assistance Program and the Canada Student Loans Plan. Information is available through the student financial aid office.

Scholarships, fellowships and research and teaching assistantships are awarded to graduate students.

Student Life and Services

McMaster Students' Union represents the common interests and concerns of all undergraduate students. Governed by an assembly of student representatives elected from faculty divisions, the union offers a variety of services, (day care centre, pubs, sundry store, concerts, drama, legal aid, student ombudsman, FM radio station, weekly newspaper, etc.) for its members.

The Union of Graduate Students, an incorporated non-profit corporation, represents all students registered with the school of graduate studies and promotes the welfare and interests of students by providing social, athletic and intellectual activities.

The McMaster Association of Part-time Students deals with the interests of part-time students.

Twelve students (six undergraduate and six graduate) sit on the University Senate and two on the Board of Governors.

Reporting to the dean of student affairs are several university sponsored student services including the following offices: Student Counselling, International Student Advisor, Student Health, Financial Aid, Residences. Telephone (416) 525-9140 ext. 4649.

McMaster University houses 2385 students in traditional men's and women's residence halls, a co-educational hall, and an apartment style residence. Upperclass and graduate students are normally given preference in the co-educational and apartment style residences; first year students are housed in double rooms. Enquiries for residence should be directed to the Director of Residence Life.

An Off-Campus Housing Office maintains listings of available rental housing in the surrounding Hamilton area. For information, students should contact the Off-Campus Housing Office.

The university art gallery, with over 3,000 square feet has all the professional facilities for a year-round program of exhibitions, either organized by McMaster or loaned by such organizations as the National Gallery of Canada and the Art Gallery of Ontario. The permanent collection consists of approximately 3000 Canadian and European art works, including a specialized collection of German Expressionist prints. The Gallery is open daily from Monday to Saturday.

The McMaster Symphony is a 70 to 80 piece orchestra of students and professionals, and also organizes the McMaster Symphony Chamber Players, of about 30 pieces. Both are under the direction of Lee Hepner. Wayne Strongman directs the active schedule of the McMaster Choir. As well as the public concerts put on by these groups, lunch-hour and evening concerts are a regular feature of McMaster life, with internationally known professional musicians.

A physician maintains daily office hours on campus Monday to Friday throughout the academic session. A registered nurse is on duty continuously from 8:00 A.M. Monday to 5:30 P.M. Friday.

Career counselling is offered by the student counselling service, and a wide range of counselling, psychological and informational services and programs is offered to assist students in their personal growth and in the pursuit of their educational goals. Personal counselling, educational and career planning assistance programs are available throughout the calendar year and offered on both individual and group basis.

Persons with disabilities are encouraged to apply to McMaster and should contact the Systems development and calendar officer to discuss programs of study and other aspects of university life. The university is continuously reviewing and upgrading its services and facilities for disabled persons under the auspices of the President's Advisory and Coordinating Committee on the Disabled.

A career placement service is operated by Canada Employment Centre in conjuction with the university. It assists students in finding permanent, part-time and summer employment.

Religious services and a chapel are available to all through an inter-denominational chaplain's office with the support of a campus ministries' council drawing on resources in the community.

A university bookstore offers discounts to staff and students. Charge accounts may be opened by students following registration.

Research Institutes

Communications Research Laboratory. Director: S. Haykin, BSc, PhD, DSc, FRSC, FIEEE

McMaster Institute for Molecular Biology and Biotechnology. Interim Director. S.T.Bayley, BSc, PhD

McMaster Institute for Materials Research. Director: J.A. Morrison, MSc, PhD, FRSC, FCIC

McMaster Institute of Polymer Production Technology. Director: A.E. Hamielec, BASc, MASc, PhD, PEng

The Instructional Development Centre. Director: Alan Blizzard, BSc, MSc, PhD

McMaster Institute for Energy Studies. Director: M.L. Kliman, BA, MA, PhD

McMaster Nuclear Reactor. Chief Reactor Supervisor: M.P. Butler, BEng, MEng, PEng

Office of Gerontological Studies. Director: E.B. Ryan, BA, MA, PhD

Program for Quantitative Studies in Economics and Population. Director:
F.T. Denton, MA, FRSC

Affiliated Institutions

McMaster Divinity College, Hamilton, Ontario L8S 4K1. Telephone (416) 525-9140 ext. 4401. Co-educational. Established in 1957, the college offers courses in theology leading to certificate in theology, master of divinity and master of religious education. Has its own board of trustees and senate, the latter awarding certificates and diplomas only. Academic honorary degrees awarded by the university. Baptist, co-educational. Principal: Rev. M.R. Hillmer, BA, Bd, ThD

The University of Manitoba*

General Information

Address: Winnipeg, Manitoba R3T 2N2
Telephone: (204) 474-8880

President and Vice-chancellor: Arnold Naimark, MD, BSc(MED), MSc, FRCP(C)

For a complete list of The University of Manitoba faculty, see the University of Manitoba calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Director of student records, J.B. Salt.

High school liaison officer: Ron McDole, Assistant Director, admissions.

Enrolment (1985-1986):

Full-time undergraduate:	13,481
Part-time undergraduate:	6,966
Full-time graduate:	1,710
Part-time graduate:	1,030

Full-time faculty (1985-1986): 1,284

Total income (1984-1985): $225,720,000

General operating fund income	('000)	
Government grants	$125,925	55.8%
Fees	19,753	8.8%
Gifts	44	0.1%
Miscellaneous	4,790	2.0%
Sub Total	$150,512	66.7%
Other funds income		
Ancillary enterprises	$ 16,153	7.2%
Special purpose and trust	14,875	6.6%
Sponsored research	35,473	15.7%
Plant	8,707	3.8%
Sub Total	$ 75,208	33.3%
	$225,720	100%

History and Governance

The University of Manitoba was established by act of the provincial legislature in 1877 to confer degrees on students graduating from its founding colleges - St. Boniface College, St. John's College and Manitoba College. The university was the first to be established in western Canada.

In 1900 the Manitoba legislature amended the university act so that the university could offer its own teaching, and in 1904 the university opened its first teaching facility in downtown Winnipeg. By 1929, following the addition of programs, schools and faculties, the university had moved to its permanent home in the Winnipeg suburb of Fort Garry.

The University of Manitoba is non-denominational and coeducational. Under the University Act of 1968, it is governed by a 23-member board of governors and 132-member senate.

Buildings and Grounds

The Fort Garry campus, located in south Winnipeg, contains 35 buildings which are directly used for teaching. Four of these are the member colleges: St. John's College, St. Paul's College, St. Andrew's College, and University College. Additional buildings house special laboratories, administrative and service offices, residences, recreational facilities, and non-university research agencies.

A second campus, situated in central Winnipeg, houses the instructional units of the faculty of medicine, the faculty of dentistry, the school of medical rehabilitation and the school of dental hygiene.

Most buildings on the main Fort Garry campus are accessible to physically disabled students. Phones, washrooms, residences and other facilities have been adapted and the Administration and other departments are involved in short and long-term projects to make the campus barrier-free.

Libraries

There are thirteen libraries in the system: Administrative Studies, Agriculture, Architecture and Fine Arts, Dental, D.S. Woods Education Library, Elizabeth Dafoe (humanities, social sciences, nursing, social work), Engineering, E.K. Williams Law Library, Medical, Music, St. John's College Library, St. Paul's College Library and Science. Holdings include: Books and bound periodicals: 1,413,000; microforms: 850,000, serial subscriptions: 12,000; government publications: 443,000; audiovisual materials: 18,000; maps: 28,000. Disabled students may avail themselves of a number of special services, including free computer searches and free photocopying of reserve and reference material when necessary.

Special Collections: Icelandic and Slavic studies.

Programs and Degrees

General bachelor's degrees require three years (90 credits) from Manitoba grade 12 and honours bachelor's degrees four years (120 credits) from Manitoba grade 12 unless otherwise specified. Master's degrees require at least two years from general bachelor's degree, at least one year from honours bachelor's degree unless otherwise specified. Doctorate degrees require at least two years from a master's degree unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Agriculture

Diploma in agriculture. Two years from grade 12 or equivalent.

Diploma in dairying. One year. No stated academic requirement for admission. Offered every two years when demand sufficient.

Bachelor of science in agriculture (BSA) Four years from senior matriculation.

Master of science (MSc) At least one year from BSA.

Doctor of philosophy (PhD)

A PhD degree in Food and Nutritional Sciences is offered jointly by the Depts. of Animal Science; Food Science, Plant Science, in Agriculture and Dept. of Foods and Nutrition in Human Ecology.

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*Ordinary member, AUCC

Architecture

Bachelor of environmental studies (BES) Three years from senior matriculation.

Bachelor of interior design (BID) Four years from senior matriculation or two years from BES.

Master of architecture (MArch) Three years from BES or equivalent.

Master of city planning (MCP) A two-year program following an approved honours degree or a three-year program following an approved general degree.

Master of landscape architecture (MLandArch) Three years from BES.

Arts

Bachelor of arts (BA) General, honours and four-year major.

Bachelier ès arts (BA) Three years from senior matriculation at Collège de Saint-Boniface.

Bachelier ès arts BA(LPh) Three years from senior matriculation at Collège de Saint-Boniface. Latin philosophy.

Master of arts (MA)

Doctor of philosophy (PhD)

Dentistry

Diploma in dental hygiene. Two years from senior matriculation.

Doctor of dental medicine (DMD) Four years beyond two years in arts or science.

Master of science [MSc(Oral biology)] At least one year from DMD.

Master of science [MSc(Dental science)] At least two years from DMD.

Doctor of philosophy (PhD)

Diploma in periodontics. At least two years from DMD.

Diploma in oral + Maxillofacial surgery. At least three years from DMD.

Education

Bachelor of education (BEd) Four years from grade 12.

Integrated degree with Faculty of Human Ecology (BEd + B.H.Ecol.)

After-degree bachelor of education. Two years after first degree.

Certificate in education. One year from senior matriculation.

Certificate in education (secondary). One year following completion to first degree.

Master of education (MEd) At least one year from BEd.

Advanced certificate in education (ACE) One year from BEd. Part-time by courses and workshops.

Doctor of philosophy (PhD)

Engineering

Bachelor of science in engineering (BSc) Four years from grade 12.

Master of science in engineering (MSc) At least one year from BSc.

PhD (Engineering)

Fine arts

Diploma in art. Four years. No stated academic requirements for admission.

Bachelor of fine arts (BFA) General and honours.

Bachelor of fine arts in art history. General and honours program.

Human ecology

Bachelor of home economics (BHEc) Four years from grade 12. This designation of degree available until 1985.

Bachelor of human ecology. Four years from grade 12. This designation of degree available as of September, 1981.

Bachelor of human ecology/Bachelor of education (BHEcol./BEd) Integrated program. At least five years from grade 12.

Master of science (MSc) At least one year from BHEc.

A PhD degree in Food and Nutritional Sciences is offered jointly by the Depts. of Animal Science; Food Science, Plant Science, in Agriculture and Dept. of Foods and Nutrition in Human Ecology.

Law

Bachelor of laws (LLB) Three years, full-time, beyond satisfactory completion of at least two years of any university course of studies. Law school admission test must be written.

Master of laws (LLM) One year from LLB.

Management

Bachelor of commerce [BComm(Hons)] Four years from senior matriculation or two years from prior degree.

Master of business administration (MBA) At least one year from BComm(Hons) or two years from other degrees.

Medical rehabilitation

Bachelor of medical rehabilitation (OT) Three years beyond first year arts or science.

Bachelor of medical rehabilitation (PT) Three years beyond first year arts or science.

Bachelor of occupational therapy (BOT) One year following diploma course.

Bachelor of physical therapy (BPT) One year following diploma course.

Medicine

Doctor of medicine (MD) Four years beyond second year arts or science.

Bachelor of science in medicine [BSc(Med)] Offered during summer months following first and second years of MD program. Designed to provide experience in medical research. Open only to approved undergraduates in faculty of medicine. Normally conferred at same time as MD.

Master of science (MSc) At least one year from MD.

Doctor of philosophy (PhD)

Certificate. Issued for satisfactory completion of internship and residency programs.

Music

Associate in music (AMus Western Board)

Licentiate in music (LMus Western Board)

Bachelor of music (BMus) Four years from grade 12.

Natural Resources

Master of natural resources management (MNRM)

Nursing

Bachelor of nursing (BN) Four years from grade 12.

Program designed for applicants holding a degree in a field other than nursing. Modified program available for RNs.

Master of nursing (MN) Two years from BN. Courses and a thesis or practicum.

Pharmacy

Bachelor of science in pharmacy [BSc(Pharm)] Three years following one year pre-pharmacy program.

Master of science (MSc) At least one year from BSc(Hon)

Physical education

Bachelor of physical education (BPE) Three years from grade 12.

Bachelor of recreation studies
Master of physical education (MPE)

Science
Bachelor of science (BSc) General, honours, and four-year major.
Computer Science (Honours) (B.Computer ScH)
Master of science (MSc)
Doctor of philosophy (PhD)

Social work
Bachelor of social work (BSW) Three years following one year university study in any faculty.
Master of social work (MSW) One year full-time after BSW followed by two years work experience. Courses plus either thesis or practicum.

Special programs
Special Pre-Medical Studies Program: The objective of the program is to help Manitoba students of Native ancestry complete the pre-medical university education requirements normally expected of medicine applicants.
TERM: The Teacher Education in Rural Manitoba program provides student teachers with practical work experience in a rural setting.

Continuing programs
Spring and summer courses are offered in most faculties. There are also a variety of correspondence courses, principally in arts and education, which are available through the university.

A Canadian Forces Program assists Regular Forces personnel and their dependent families to obtain a university education.

University of Manitoba Access Programs (UMAP) are offered in cooperation with the provincial government so that university studies at the degree level are available for persons who have traditionally not had the opportunity for such experience.

Also, there is a summer language program, a six-week intensive session, available during July and August. Academic instruction, extra-curricular activities and group contact are offered in French or English. All students are in residence during this program.

Non-degree programs are available within three broad areas; administration and organizational development, professional and technical studies and humanities and social services. Offerings vary from short workshops and conferences to four-year (part-time studies) certificate programs.

Admission Requirements

Undergraduate
Manitoba: High school graduation. Students must have 20 credits with five at third-year level including three subjects at 300 level.

Other provinces and territories: Alberta: grade 12, minimum overall average of 60 per cent on 5 credits.
British Columbia and Yukon Territory: grade 12, minimum overall average C or better on a minimum of 4 credits.
New Brunswick: grade 12, minimum overall average of 60 per cent on 6 credits.
Newfoundland: grade 12, minimum overall average of 60 percent on 10 credits.
Northwest Territories: Alberta grade 12, minimum overall average of 60 per cent on 5 credits.
Nova Scotia: grade 12, minimum overall average of 60 per cent. Ontario: grade 13, minimum overall average of 60 per cent on 6 credits.
Prince Edward Island: grade 12, minimum of 60 per cent in a university entrance program.
Quebec: First-year CEGEP with satisfactory standing (normally a GPA of 2.0 or better or 60 per cent or better).
Saskatchewan: grade 12, minimum overall average of 65 per cent on 7 credits.

Mature students
A mature student in one who: a) does not meet the normal entrance requirements: b) is twenty-one years of age on or before May 1 to be eligible for admission to the summer day session, and on or before September 30 for the regular session; or admitted on the recommendation of the dean; c) is either a resident of the province of Manitoba or is a Canadian citizen or landed immigrant; d) is endeavoring to achieve regular student status in order to proceed to meet the requirements for a degree.

Senior citizens
Tuition fees will be waived for students who reach the age of 65 before a session begins, provided they have been duly admitted and are eligible for registration in any degree program or credit course(s).

Graduate
First degree (honours or equivalent) with appropriate standing in area in which student wishes to do graduate work.

Foreign Students
Certificates equivalent to standing required for Canadian students.
All non-Canadian students whose mother tongue is not English must write the Test of English as a foreign language (TOEFL) and attain a score of at least 550.

UK and Commonwealth: GCE with two subjects at A-level and three at O-level, or three at A-level and one at O-level.

USA: Senior matriculation (grade 12), with overall average of C or 60 percent. CEEB scores required.

Other: Applicants submitting international baccalaureate will be considered.

Application Deadlines

Last date for receipt of applications in: medicine, January 6; dentistry, January 6; law, medical rehabilitation and pharmacy, March 1; administrative studies, dental hygiene, education, engineering, environmental studies, fine arts, human ecology/education integrated program, interior design, nursing, physical education and social work, May 1; agriculture, human ecology and science, May 1. Music and Arts up until July 2.

Costs (1986-1987)

Base fee for each undergraduate student — $888, plus supplementary fee per credit hour, varying from $3.10 - $12, depending on the faculty/school. The faculties of dentistry and medicine will pay a standard supplementary fee of $907.20; graduate studies, a standard supplementary fee of $378.

Full-time graduate (per year), $810-$860.

Residences: Room only. Speechly Tache Hall $3,114 (single), $2,720 (double); University College $3,525 (single), $3,027 (double); St. Andrews $2,997-$3,261, $3,159.60-$3,442.56; St. John's $3,292 (with meals 15-19 per week). Meal plans. Mary Speechly and Tache halls, 15 meals per week $1,170, 19 meals per week $1,237; University College, 19 meals per week $1,266.

Off-campus housing: $260- $600 (apartments); $500-$1,000 (houses); suites in houses, $140-$500; room and board, $250-$350; rooms with kitchen privileges $150-$300.

Student fees: They usually range from $37 to $67; vary according to faculty and course load.

Health insurance fee: For visa students, single $230, family $704.

All fees subject to change without notice.

Academic Year

Winter session: September to April. Evening session: September to May. Summer session: July to August. Intersession: May and June. Summer evening session: early May to late July.

Grading System

A+, exceptional; A, excellent; B+, very good; B, good; C+, satisfactory; C, adequate; D, marginal; F, failure; P, pass; S, standing. In a number of faculties and schools, special requirements in respect of averages and standing in professional subjects must be met.

Student Aid

Bursaries are available to Manitoba residents through the Manitoba Department of Education. In addition, industries, organizations, and various private donors offer bursary funds through the University's Awards Office.

Besides participating in the Canada student loans plan, the university also makes loans from funds which it holds in trust. Monies from these sources are interest free until a date set for repayment; all loans must be consigned by a guarantor (an employed Manitoba resident).

A number of in-course awards, with values up to $1,000, are given for high academic standing in various areas of instruction.

Student Life and Services

All students registered at the university are members of, and pay compulsory fees to, The University of Manitoba Students' Union. UMSU is currently involved in many programs including academic areas such as research and course evaluations; student service areas such as a used-book store and steno referral service; and programming of concerts, art shows, and the annual, week-long Celebration - Festival of Light and Learning. The governing body of the union, the UMSU Council is made up of student council representatives elected by students of each faculty.

The Graduate Students' Association represents all students registered in the faculty of graduate studies. The governing body is the GSA Council comprised of an executive and representatives from five functional areas within the faculty.

The University also has an Ombudsman who may be contacted at (204) 474-9983.

Under the auspices of the student union, students organize debating, choral and music groups; a student newspaper and yearbook; a film society; the Celebration - Festival of Life and Learning; campus radio; professor-course evaluation; and Speakeasy (an open forum held frequently in the student lounge). Innumerable sports activities are offered intramurally or extramurally.

The university provides accommodation for 1,020 students. In addition, St. John's College provides space for 51 men and 43 women, and St. Andrew's College accommodates 70 men and women. The university Off-Campus Housing office maintains listing of accommodation in the Winnipeg area with notes as to accessibility for disabled students.

The university operates a bookstore with two outlets: a) the Fort Garry campus division and b) the Health Science campus division.

To support athletic and recreational programs on campus, the university makes a wide range of sport facilities available to its students and staff. A physical education centre has an archery range, a gymnastics room, a golf range, track and field facilities, a weight training room, handball and squash courts, and multi-purpose room. Also available are an ice rink, rifle range, a playing field, a swimming pool, and a stadium.

The student health centre includes doctors' offices for the ambulant and an infirmary for bed care. The full-time medical staff includes a general practitioner, a psychiatric consultant, a general surgeon and a nursing staff, on duty 24 hours a day during the regular session. The centre is maintained at no charge to the students.

The International Centre for students (204) 474-8501 provides services for both Canadian and foreign students, including social and athletic activities, symposia, panel discussions and films.

Counselling services include individual counselling, personal development groups, individual and group instruction in study skills and psychiatric consultation.

A wide range of support services are available to disabled students including counselling, special supplies, keys for key operated lifts and elevators. The university also sponsors a van, equipped with a lift for on-campus transportation.

Services for disabled students inquiries may be sent to: Office of the Director of Special Programs, Room 473, University Centre, (204) 474-9251/9620.

The Native Students Office (204) 269-1156 provides individual and group support to students, mainly of native origin, and serves as a resource and social centre for these students.

Throughout the academic year, Canada Manpower operates student placement service on campus to assist students in obtaining permanent, part-time, or summer employment. Facilities are also provided for employers to conduct interviews during their recruiting visits. Notices of job opportunities and employer recruitment are posted on bulletin boards in all faculties.

Approximately three thousand two hundred parking spaces are available to students. For information, contact the University Parking Office.

Research Institutes

Agriculture Canada Research Station. Director: T. Atkinson.

Cell Biology Unit. Chair: G.J. Goldenberg, MA, PhD

Centre for Precambrian Studies. Chair: A.C. Turnock, BSc, MSc, PhD

Clinical Immunology Research Laboratory. Director: A. Sehon.

Committee on Human Development. Chair: J.F. DePena, BA, MA, PhD

Delta Marsh Field Station (biology, ecology). Director: J.M. Shay, BSc, MSc, PhD

Delta Waterfowl Research Station. Director: Peter Ward, BA, MA, PhD

Freshwater Institute. Director general: Dr. G.H. Lawler.

Glenlea Research Station (agricultural research). Director: M.E. Seale, PhD

Industrial Applications of Microelectronics Centre Inc. Director of research: W. Kisner, PhD

Legal Research Institute. Director: C. Harvey, LLB, LLM

Mediaeval and Renaissance Guild. Chair: L.I. Ritchey, ARCCO

Natural Resources Institute. Director: W.R. Henson, BA, MS, PhD

Northern Studies Committee. Chair: R.R. Riewe, BS, MS

Road Safety Research Unit - Injury Research Unit. Director: G. William Mulligan, MD, FRCSC

Taiga Biological Station. Director: W.O. Pruitt, Jr., BSc, MA, PhD

Affiliated Colleges

Collège universitaire de Saint-Boniface, Winnipeg, Manitoba. Voir chapitre correspondant.

St. Andrew's College, 475 Dysart Road, Winnipeg, Manitoba R3T 2M7 Telephone, (204) 269-3565. Established 1946 and associated with university 1962. Training of the ministry in the Ukrainian Greek Orthodox Church in Canada and in USA. Offers limited number of courses that may be used for credit at The University of Manitoba. Principal: Very Rev. O.A. Krawchenko, BPhil, BD, MA

St. John's College, Winnipeg, Manitoba. See separate entry.

St. Paul's College, Winnipeg, Manitoba. See separate entry.

Approved Teaching Centres

Canadian Mennonite Bible College, 600 Shaftsbury Boulevard, Winnipeg, Manitoba R3P 0M4 Telephone, (204) 888-6781. Established 1947 and recognized as approved teaching centre 1963. Co-educational. Offers own bachelor of theology and sacred music. Authorized to offer certain university courses each year. Residential accommodation for 116 students and 15 families. President: Rev. J. Neufeld.

Canadian Nazarene College, 1301 Lee Boulevard, Winnipeg, Manitoba R3T 2P7 Telephone, (204) 269-2120. Established 1920 and recognized as approved teaching centre 1973. Co-educational. Offers own degree in theology and sacred music, and courses for university credit to a maximum of 10. Residential accommodation for 55 men and 50 women. President: N. Hightower.

Constituent college

University College, 500 Dysart Road, Winnipeg, Manitoba R3T 2M8 Telephone, (204) 474-9751. Co-educational constituent college within university faculties of arts and science. Residential accommodation for 150 men and 100 women with dining facilities for approximately 300 people. Provost: Jean Friesen, BA, MA, PhD

Memorial University of Newfoundland*

General Information

Address: Elizabeth Avenue, St. John's Newfoundland
A1C 5S7
Telephone: (709) 737-8000
Telex: main university, 0164101; university library, 0164677.
Cable: main university, MEMORIAL SNF; university library, MUN LIB SNF

President and Vice-chancellor: L. Harris, BA(Ed), MA, PhD

For a complete list of Memorial University of Newfoundland faculty, see the Memorial calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, G.W. Collins, BSc, BEd, MSc

High school liaison officer: I.J. Byrne

Enrolment (1985-1986):

Full-time undergraduate:	10,072
Part-time undergraduate:	4,058
Full-time graduate:	480
Part-time graduate:	574

Full-time faculty (1985-1986): 950

Total income (1984-1985): $115,363,000

General operating fund income	('000)	
Government grants	$ 79,774	70.0%
Fees	12,169	11.0%
Miscellaneous	2,637	1.0%
Sub Total	$ 94,580	82.0%
Other funds income		
Ancillary enterprises	$ 4,688	4.0%
Sponsored research	16,095	14.0%
Sub Total	$ 20,783	18.0%
TOTAL	$115,363	100%

History and Governance

The university developed from Memorial University College which was founded in 1925 in memory of the men of Newfoundland and Labrador who died in the First World War. During the first ten years of its existence the Carnegie Corporation of New York provided annual grants toward general expenses of the college. Memorial University was established by an act of the provincial legislature in 1949. The first degrees were awarded in 1950.

Memorial University is a provincial, co-educational institution administered by a board of regents. Academic matters are the responsibility of the various faculty councils and the senate.

Buildings and Grounds

The university is located on the northern limits of St. John's (metropolitan population 153,383), the capital city of the province of Newfoundland and Labrador.

In 1975, a regional college was established in Corner Brook, on the province's west coast, offering first and second-year courses. The St. John's campus consists of the arts-administration building, the Queen Elizabeth II library, the science building, the chemistry-physics building, the education building, the physical education building, Thompson student centre, the nine-residence Paton College, the five-residence Burton's Pond complex, a music building, a services building, an engineering building, a business administration building, a teaching hospital, a health sciences complex, and a botanical garden. The National Research Council has also established its Institute for Marine Dynamics on the St. John's campus.

In Corner Brook, a single complex houses all academic, athletic, service and residence facilities. Both campuses are well equipped with ramps, elevators and other facilities for disabled students.

Libraries

The university library system consists of the Queen Elizabeth II library, the curriculum materials centre, health sciences library, and the Sir Wilfred Grenfell College library at Corner Brook. These four units house more than 2,000,000 books, periodicals, microforms, and government documents, and are the major information resource for the province as well as the university.

Programs and Degrees

Bachelor's degrees require four years (40 credits) from Grade 12 unless otherwise specified. Master's degrees require at least one year from bachelor's degrees and doctorates require a minimum three years from bachelor's degrees or two years from master's degrees unless otherwise specified.

Courses at Memorial are usually assigned a credit value of one or two. A one- credit course normally requires three lecture hours per week for one semester. A two-credit course would normally span two semesters.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts(BA) General program, four years from Grade 12. Honours program, four and a half years from Grade 12.
Master of arts (MA)
Master of philosophy (MPhil) At least 16 months from BA.
Doctor of philosophy (PhD) At least one year in residence required.

Business administration and commerce

Bachelor of commerce (BComm) Cooperative work/study program. Thirty-seven academic courses and three work periods.
Master of business administration (MBA) At least two full-time semesters.

Education

Bachelor of education (primary) [BEd (primary)] Five years from Grade 12.
Bachelor of education (elementary) [BEd (Elementary)] Five years from Grade 12.
Bachelor of education (BEd) or Bachelor of arts (BA) or Bachelor of science (BSc) or Bachelor of physical education (BPE) Five years from Grade 12.
Bachelor of music education/Bachelor of music (conjoint) Five years from Grade 12.
Bachelor of special education. One year after BA(Ed) or degree deemed appropriate.
Bachelor of vocational education (BVocEd) Four years from occupational training certificate or appropriate de-

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*Ordinary member, AUCC

gree, and at least one year of work experience in occupational field.

Diploma in vocational education. Two years from occupational training certificate or appropriate degree, and at least one year of work experience in occupational field.

Diploma in industrial arts. One year from a degree in education from a recognized university or college.

Diploma in school resource services. One year from a degree in education and two years experience as a classroom teacher.

Diploma in native and northern education. One year from a degree in education.

Graduate diploma in education (GradEdDip) One year from BA(Ed) or BEd.

Master of education (MEd) Minimum 14 calendar months full-time study from first degree. Thesis, project report, or internship required.

Engineering

Bachelor of engineering (BEng) Students enter junior division after Grade 12 to take courses at first-year level. Five years of study required after completion of junior division. Those entering from junior division must normally have at least two credits in each of English, mathematics, physics, chemistry and an elective with average of C.

Master of engineering (MEng) Minimum two semesters full-time study from first degree. Thesis, project, or report required.

Doctor of philosophy (PhD)

Forestry

The forestry programs of Memorial University and the University of New Brunswick are integrated. The equivalent of UNB'S first two years is available at Memorial. Upon satisfactory completion of this, the student is admitted into the third year of the five-year UNB program.

Medicine

Bachelor of medical science (BMedSc)

Doctor of medicine (MD) Two years beyond successful completion of BMedSc or equivalent.

Master of science in medicine (MSc)

Doctor of philosophy (PhD)

Nursing

Diploma in community and primary health care nursing

Diploma in mental health and psychiatric nursing

Bachelor of nursing (BN)

Diploma in outpost nursing

Diploma in nurse - midwifery

Diploma in community health nursing

Physical education

Bachelor of physical education (BPE) Four years from Grade 12.

Master of physical education (MPE)

Science

Bachelor of science (BSc) General program, four years from Grade 12.

Honours program, four and a half years from Grade 12.

Master of science (MSc)

Master of philosophy (MPhil) At least 16 months from BA.

Doctor of philosophy (PhD) At least one year in residence required.

Social work

Bachelor of social work (BSW)

Master of social work (MSW)

Special programs

Cooperative engineering and business programs provide for alternate work/study periods over five years for undergraduate students.

Foundation program allows students entering university with deficiencies in certain subject areas to take foundation courses for upgrading purposes. Necessitates staying in university one extra term (May to August) to catch up with normal first-year program.

Education internship program initiated by faculty of education enables students to complete two semesters of on-campus study followed by one semester of student teaching and other related on-the-job teacher training in selected schools.

Continuing education

Summer session: Many departments offer summer session courses on campus or at Grand Falls and Corner Brook. Summer session students do not, because of timetable restrictions, take more than three courses per session.

Off-campus centres: off-campus courses are taught in 38 centres in Newfoundland and Labrador through use of video-taped lectures. A variety of professional short courses are also offered throughout the year in various centres of the province.

Correspondence: Memorial University offers certain courses by correspondence. Correspondence courses taken at other institutions are now recognized for credit at Memorial University.

Extension: Extension services offer on and off-campus evening courses, of varying duration in cultural or academic topics, although not exclusively in these areas. Certificate courses in business administration and public administration; Institute of Canadian Bankers program; diploma program in law enforcement and community relations (for Newfoundland constabulary only).

Admission Requirements

Undergraduate

Newfoundland and Labrador: Grade 12 public examinations or examinations of a school accredited by the Department of Education with a pass mark of 50 per cent in each of the following courses at the 3,000 level and an overall average of not less than 60 per cent: English, advanced or academic mathematics, a laboratory science, a social studies subject or a modern or classical language, and one more elective (equivalent to two credits). Any student who obtains an overall average of 70 per cent in the required number of courses but fails one or two subjects may be admitted upon the recommendation of the Committee on Admissions. Students who intend to take a university course in the subject failed will normally be required to succeed in an appropriate foundation course. In extenuating circumstances, students not meeting general admission requirements may be admitted. These students must present to university admissions committee, at least one week before beginning of semester to which admission is sought, a letter from their school principal or guidance counsellor explaining grounds for requesting special consideration.

Other provinces: British Columbia: grade 12 school leaving certificate. Alberta, Saskatchewan, Manitoba: grade 12 certificate or equivalent. Ontario: SSGD with minimum 27 credits. Quebec: applicants with secondary V certificate considered; university preparatory CEGEP courses considered for credit on individual basis. New Brunswick:

grade 12 school leaving certificate. Nova Scotia: grade 12 certificate or equivalent. Prince Edward Island: grade 12 school leaving diploma. Pass mark of 50 per cent in required courses with overall average of not less than 60 per cent. Memorial normally recognizes senior matriculation for first-year credit to a maximum of 10 credits depending on overall average. In addition to transcripts of high school records, applicants from other Canadian provinces who are seeking credit for senior matriculation subjects are required to submit official outlines of courses claimed for credit. These outlines should be obtained from the applicant's high school.

Mature students

Applicants who are 21 years of age or older within one month after the beginning of semester or summer session to which admission is sought and who have not fulfilled matriculation requirements may be admitted. Must submit birth certificate, two letters of reference, letter explaining grounds for requesting special consideration, high school marks, and marks from postsecondary institutions, if applicable.

Senior citizens

Seniors, 60 years or older, are exempt from tuition fees. The only admission requirement is proof of age.

Graduate

Admission to master's programs limited and on competitive basis. Applicants must hold bachelor's degree, preferably honours, with minimum B average in proposed field of specialization or equivalent. Must also be recommended by department of specialization. Applicants to doctoral programs must hold master's or equivalent or bachelor's degree with honours standing and must satisfy university of competence to proceed with program.

Foreign Students

Foreign students required to submit statement of satisfactory financial resources with application as Memorial University does not offer financial assistance to students from outside the province of Newfoundland.

A $50 application fee required for appraisal of documents. Credited to student's account upon entry to university; forfeited if student withdraws.

UK: GCE or Scottish leaving certificate with O-level or lower level passes in five acceptable subjects. Scottish leaving certificate (higher level courses only) will generally be acceptable for advanced credit at first-year university level. GCE - A level subjects generally accepted for credit to a maximum of four credits for each subject provided that the candidate satisfies departmental regulations and obtains a minimum grade of 'D' in each subject claimed for credit.

USA: High school university preparatory program (grade 12) with average mark equivalent to college recommending mark. Must include 16 units in academic subjects with four units of English, two units of mathematics and 10 units in selected subjects from humanities, sciences and social sciences. Principal's or guidance counsellors' confidential report including rank in class required.

Hong Kong: GCE passes in five acceptable academic subjects with proficiency in English as demonstrated by the Michigan Test (85%) or Test of English as a Foreign Language. (TOEFL, minimum score: 550).

West Indies and West Africa: GCE passes in five acceptable academic subjects at O-level.

Application Deadlines

Applications must be received by May 15 for fall semester, by November 15 for winter semester and by March 1 for spring semester.

Costs (1986-1987)

Tuition: Undergraduate, full-time students: $528 per semester. A fee of $140 is charged for each course in excess of five except where a student is required by academic regulations to take more than five courses in a semester. Part-time students: $140 per course. Summer session fees, $140 per course. Correspondence course fees, $140 per course.

Residence fees: (Paton College) Single room with 14 meals per week $1,142 per semester, with 21 meals per week $1,172 per semester; double room with 14 meals per week $1,055 per semester, with 21 meals per week $1,085 per semester. (Burton's Pond apartments) single students, room only $1,480 per semester; married students, two-bedroom apartments, $330 per month.

Student fees: Full-time undergraduate, St. John's campus, $34 per semester; Corner Brook campus, $32 per semester. Summer session $5 for all students. Graduate students $7 per semester; postgraduate residents and interns $5 per year.

Miscellaneous: Non-refundable application processing fee, $20. Application for admission with advanced standing and non-Canadian application fee, $50.

Academic Year

The university operates three semesters and a six-week summer session. Fall semester: September to mid-December. Winter semester: January to mid-April. Spring semester: May to mid-August. Summer session: mid-June to mid-August. Duration of each semester is normally 14 weeks. All courses are one semester in length.

Grading System

Students must obtain an average of at least one point per semester course in order to qualify for a degree. Grades awarded are as follows; A, 80-100%, three points per course; B, 65-75%, two points per course; C, 55-60%, one point per course; D, 50%, pass, no point; F, 45% and below or failure to write examination without acceptable cause. Passing grade on all examinations for graduate courses, A or B.

Student Aid

Scholarships and bursaries available to both resident and non-resident students of Newfoundland. Provincial government provides tuition and other fees in whole or in part to residents who can demonstrate need. The university offers studentships for those in honours programs in various departments. Limited number of fellowships available to full-time graduate students. These may be supplemented by bursaries in varying amounts and by remuneration for extra duties performed in the department.

Student Life and Services

All full-time and summer session students of the university are represented by the Council of the Students' Union. The objectives of the union are to promote artistic, literary, educational, social, recreational, charitable and sporting activities for the advancement of the interests of its members and others; to act as the official organization of the students; and to coordinate, promote and direct the activities of the students. Undergraduate students elect a president and vice-president, 10 members from the senior division, four from the junior division and two from summer school.

The Graduates Students' Union promotes the interests and general welfare of all graduate students in the university. Membership is open to all graduate students, postdoctoral and other research and teaching fellows. The members of the executive council are elected annually.

Paton College, the university residential college, consists of nine residence houses accommodating 387 women, 513 men. Each house has double bed/study rooms, lounges, television room, study room, and laundry facilities. Two dining halls serve the residences. In addition, a 500-student residential complex contains apartment-style units, each accommodating four students, as well as married student apartments. There are also three church-operated residential colleges adjacent to the campus.

The Office of Student Affairs and Services provides assistance in personal and social matters, particularly with problems associated with university life. The division includes such student services as housing, health, employment and placement, financial aid and counselling as well as the International Student Advisor's office and the contact for disabled students (737-7593).

A physician and nurse are available daily. A university group health plan is compulsory for all visa students as they are not covered under the provincial health insurance scheme. Payment for the year is required at the time of registration. Pro-rated fees will be charged for students entering the university in the winter semester.

The Counselling Centre has a staff of qualified psychologists and the service is available to all students.

The Canada Employment and Immigration Commission in cooperation with the university maintains a year-round Canada manpower centre on campus. The centre assists graduates and undergraduates to obtain permanent, summer and part-time employment and assists employers who wish to recruit at Memorial University.

Research Institutes

Archaeology Unit. Chairman: J.A. Tuck, BA, PhD

Centre for Cold Ocean Resources Engineering. Acting Director: J.I. Clark, BSc, BEng, MSc, PhD, PEng

Centre for Earth Resources Research. Acting Director; C.R. Barnes, BSc, PhD, FRSC

Folklore and Language Archive (FLA). Director: N.V. Rosenberg, BA, MA, PhD

Institute for Educational Research and Development. Director: R.K. Crocker, BSc, BEd, PhD

Institute of Social and Economic Research (ISER). Chairman: J.D. House, BA, MA, PhD

International Reference Centre for Avian Haematoza. Head: G.F. Bennett, BA, MA, PhD

Labrador Institute of Northern Studies. Director: C. Brice-Bennett, BA, MA

Marine Sciences Research Laboratory (MSRL). Director: D. Idler, DFC, BA, MA, PhD, FRSC

Maritime History Group. Chairman: G. Panting, BA, MA

Newfoundland Institute for Cold Ocean Science. Director: L.R. Haedrich, AB, AM, PhD

Affiliated Colleges

Christian Brothers College, R.R. /8 Mono Mills, Orangeville, Ontario L9W 3T5 Telephone, (519) 941-1747. Established by Roman Catholic Church for education of persons entering the Order of Brothers. For men only. Dean of studies: Brother G.E. Fitzpatrick BA, MA, MEd

Queen's College, Prince Philip Drive, St. John's, Newfoundland A1B 3R6 Telephone, (709) 753-0116. The College, established in 1841 as a training centre for the Anglican clergy, moved the Memorial University campus in 1967 where it served a co-ed residential purpose primarily. Theological Studies, discontinued for a decade were re-instituted in 1982. Dean of Students: Rev. D.N. Oliver, BTh, MA

Regional College

Sir Wilfred Grenfell College, Corner Brook, Newfoundland A2H 6P9 Telephone, (709) 639-8981. First and second-year university courses offered are identical to those offered at the St. John's campus. Principal: C.F. Poole, BA, MA, PhD

Université de Moncton*

Renseignements généraux

Adresse: Moncton (Nouveau-Brunswick) E1A 3E9
Téléphone: (506) 858-4129
Télex: 041-353

Recteur: L.-P. Blanchard, EngCert, BEng, DSc

Pour la liste complète des membres du corps professoral de l'Université de Moncton, prière de vous reporter à l'annuaire de l'Université de Moncton ou au *Commonwealth Universities Yearbook*.

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au Secrétaire général, G. Long, BA, BEd, MPS(O)

Agents de liaison: Roland Leblanc (Moncton), Roger Goulay (Shippagan), Leopold Lang (Saint-Louis Maillet)
Pour chaque centre universitaire, s'adresser au:
Registrariat
Édifice Taillon
Centre universitaire de Moncton
Moncton (Nouveau-Brunswick) E1A 3E9
Téléphone: (506) 858-4113

Registrariat
Centre universitaire de Shippagan
Shippagan (Nouveau-Brunswick) E0B 2P0
Téléphone: (506) 336-4761

Registrariat
Centre universitaire Saint-Louis Maillet
Edmundston (Nouveau-Brunswick) E3V 2S8
Téléphone: (506) 735-8804

Inscriptions (1985-1986):

1er cycle à temps plein:	3,965
1er cycle à temps partiel:	1,910
2e et 3e cycles à temps plein:	185
2e et 3e cycles à temps partiel:	82

Professeurs à temps plein (1985-1986): 322

Revenu total (1984-1985): $44,191,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 30,043	68.0%
Frais de scolarité	6,226	14.1%
Dons	270	0.6%
Divers	2,775	6.3%
Total partiel	$ 39,314	89.0%
Revenus d'autres sources		
Entreprises auxiliaires	$ 3,134	7.1%
Fonds à destinations spéciales et fiducies	201	0.4%
Recherche commanditée	1,542	3.5%
Total partiel	$ 4,877	11.0%
TOTAL	$ 44,191	100%

Historique et statuts

L'Université de Moncton fut créée par une loi de la législature du Nouveau-Brunswick le 19 juin 1963. Ses origines remontent à 1864, date de la fondation du Collège Saint-Joseph qui recevait, quatre ans plus tard, le pouvoir de conférer des grades universitaires. Deux autres institutions de langue française de la province recevaient des pouvoirs identiques; le Collège du Sacré-Coeur de Bathurst, en 1900, et le Collège Saint-Louis d'Edmundston, en 1947. Une commission royale d'enquête, établie au mois de mai 1961 par le gouvernement provincial, recommanda la création d'une université centrale de langue française à laquelle seraient affiliées les trois institutions possédant antérieurement des chartes: à ces collèges seraient annexés les autres établissements existants. L'ensemble des collèges affiliés et annexés constituerait la faculté des arts de l'université. Le gouvernement provincial adopta cette formule par une mesure législative votée à la législature du Nouveau-Brunswick en 1963.

En date du 9 juin 1972, un amendement à la charte crée une faculté des arts complètement autonome des collèges affiliés; les collèges de Bathurst, Saint-Louis-Maillet et de Shippagan deviennent des institutions affiliées directement à l'université.

En 1974, le Collège de Bathurst a cessé d'exister. Suite à un nouvel amendement à la charte en 1977, Saint-Louis-Maillet et Shippagan font partie intégrante de l'Université de Moncton; l'Université de Moncton est actuellement une institution répartie en trois centres universitaires situés à Moncton, Edmundston et Shippagan.

Depuis le mois de juin 1967, l'université est administrée par un conseil des gouverneurs. Un sénat universitaire constitue l'autorité suprême en tout ce qui concerne l'enseignement.

Bibliothèques

Les bibliothèques de l'université ont une collection de 450,000 volumes et sont dépositaires des publications gouvernementales canadiennes.

Programmes et grades

En règle générale, l'obtention du baccalauréat requiert quatre années d'études après les études secondaires, à moins d'indication du contraire.
Trois crédits représentent d'ordinaire trois heures de cours par semaine pendant un trimestre.

On trouvera des détails sur les programmes au chapitre **Grades et diplômes.**

Administration

Baccalauréat en administration des affaires (BAA)
Baccalauréat en gestion des pêches (BGP)
Maîtrise en administration des affaires (MBA) Trois ou quatre semestres selon la formation antérieure de l'étudiant.
Diplôme de secrétariat bilingue. Deux ans après le secondaire.
Diplôme en techniques administratives. Deux ans après le secondaire.

Arts

Baccalauréat ès arts (BA)
Baccalauréat en musique (BM)
Baccalauréat en art dramatique (BAD)
Baccalauréat en traduction (BT)
Baccalauréat en arts visuels (BAV)
Maîtrise ès arts (MA) Deux ans après le BA avec spécialisation.

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* Membre ordinaire de l'AUCC

Droit
Baccalauréat en droit (LLB)

Éducation
Baccalauréat en éducation (BEd) Un an après un premier baccalauréat ou quatre années consécutives après le secondaire.
Baccalauréat en éducation physique (BEP)
Baccalauréat en loisirs (BL)
Baccalauréat en éducation pré-scolaire et élémentaire 1er cycle, élémentaire, secondaire, commercial, arts industriels, industriel, éducation spéciale.
Maîtrise en éducation (MEd) Un an après le baccalauréat en éducation.
Maîtrise ès arts en éducation [MA(Ed)] Un an après le baccalauréat en éducation. Thèse.

Études supérieures et recherche
Maîtrise en administration publique (MAP) Quatre semestres après le baccalauréat dont au moins deux à plein temps.

Génie
Baccalauréat ès sciences appliquées (BScA) Cinq ans après les études secondaires.
Maîtrise ès sciences appliquées (MScA)
Diplôme en génie général

Nutrition et études familiales
BSc (nutrition)
BSc (économie familiale)
BSc (enseignement des sciences familiales)
MSc (nutrition-alimentation)
MSc (vêtement-textiles)
MSc (études familiales)

Sciences infirmières
Baccalauréat en sciences infirmières [BSc(Inf)] Quatre ans après les études secondaires. Pour les infirmières diplômées, le programme comporte deux années d'études.

Sciences pures
Baccalauréat en informatique appliquée (BIA)
Baccalauréat ès sciences (BSc)
Diplôme en sciences de la santé. Deux ans après le secondaire.
Diplôme d'études en sciences agronomiques (DEScA)
Maîtrise ès sciences (MSc) Au moins une année après le BSc avec spécialisation.

Sciences sociales
Baccalauréat en psychologie (BPs)
Baccalauréat ès arts en psychologie (BA)
Baccalauréat en sciences sociales (BScSoc)
Baccalauréat en service social (BSS)
Maîtrise ès arts (économie) (MAEc) Deux ans après le BScSoc
Maîtrise en économie (MEc)
Maîtrise ès arts (psychologie) [MA(Ps)] Trois ans après le baccalauréat ès arts ou ès sciences, ou deux ans après le baccalauréat en psychologie. Thèse.

Éducation permanente
La section des diplômes universitaires offre des cours conduisant à la maîtrise, au baccalauréat, au diplôme et au certificat. Pour des renseignements détaillés sur les programmes, prière de vous reporter au chapitre **Grades et diplômes.**

Les cours offerts par la division de la promotion collective s'adressent aux personnes désireuses de poursuivre leur éducation mais ne comportent pas de crédits universitaires. On y trouve des cours de perfectionnement professionnel, de culture, de langue et de civilisation acadienne.

L'éducation permanente décentralise le plus possible ses cours dans les différents centres acadiens des provinces maritimes afin de permettre aux adultes de poursuivre des études universitaires à temps partiel.

Conditions d'admission

1er cycle
Nouveau-Brunswick: Les candidats doivent être titulaires d'un diplôme de fin d'études secondaires. Le formulaire de demande d'admission doit être accompagné d'un relevé officiel complet des notes des études secondaires et d'une recommandation confidentielle du directeur d'école.

Autres provinces: Les candidats du Québec doivent avoir complété le secondaire V avec une moyenne cumulative de 60 p. 100; les candidats du cegep peuvent obtenir des équivalences sur présentation du dossier complet. Les candidats des autres provinces doivent être titulaires du diplôme d'études secondaires de leur province après avoir suivi le programme complet préparatoire à l'université.

2e cycle
Les conditions d'admission aux programmes de maîtrise sont particulières à chaque faculté ou école. En général, il faut être titulaire d'un premier baccaulauréat avec concentration dans le domaine d'étude.

Étudiants adultes
Un étudiant qui n'a pas terminé sa 12e année mais qui a quitté l'école depuis deux ans peut être admis à l'essai par le doyen-directeur.

Étudiants du troisième âge
Les étudiants de 65 ans et plus ne paient pas de droits de scolarité, mais doivent satisfaire aux conditions normales d'admission. Chaque cas sera étudié individuellement.

Étudiants étrangers
Les diplômes des étudiants des autres pays sont évalués par le Comité des admissions de la faculté ou de l'école concernée. Les étudiants non canadiens sont tenus de passer une épreuve en langue française.

Les candidats détenteurs du baccalauréat international sont admissibles. Date limite de réception des demandes d'admission: 1er février.

Note: L'université emploie le français comme langue d'enseignement. A l'éducation permanente, quelques cours sont offerts aux adultes anglophones.

Demandes et délais

Les dates limites de réception des demandes d'admission sont le 1er juin pour le trimestre d'automne et le 1er décembre pour la session d'hiver.

Frais (1985-1986)

Droits de scolarité: Étudiants à plein temps, toutes les facultés: $1,310. Étudiants à temps partiel: $44 par crédit de 1er ou 2e cycle. Les étudiants détenteurs d'un visa doivent acquitter des droits différentiels de $1,700 en plus des droits de scolarité ordinaires.

Tous les droits sont sujets à changement sans préavis.

Année universitaire

Session régulière: du début septembre à la mi-avril. Cours d'été: du début juillet à la mi-août. Session intensive: mai-juin.

Système de notation

Système de promotion basé sur le calcul de moyennes pondérée et cumulative allant de 0.0 à 4.0.

Aide aux étudiants

Les gouvernements fédéral et provinciaux, certaines compagnies, fondations et sociétés et l'université elle-même offrent des bourses ou des prêts aux étudiants réguliers inscrits à l'Université de Moncton. Pour renseignements ou obtention de formulaires de demande, s'adresser au directeur du service d'aide financière du centre universitaire visé.

Vie étudiante et services aux étudiants

Chaque centre possède son association étudiante. Les droits d'association peuvent varier d'un centre à l'autre.

Les départements de la vie étudiante offrent les services suivants: orientation et information professionnelle et counselling; logement sur le campus et hors campus; aide financière et fonds de dépannage; placement avec la coopération du Centre d'emploi du Canada et la Communauté chrétienne universitaire. L'université, en collaboration avec les étudiants, assure les services suivants: activités sportives intramuros et intercollégiales, cafétéria, librairie, et comité artistique. Les services médicaux sont gratuits.

Le Comité d'accessibilité des bâtiments aux handicapés s'intéresse aux besoins des étudiants handicapés. Téléphone: 858-4124.

Un conseiller spécialisé est à la disposition des étudiants étrangers. S'adresser à M. Jean Bourque, 858-4161.

Chaque centre universitaire dispose de résidences. Prière de s'adresser au responsable du logement du centre universitaire visé pour connaître les disponibilités et les coûts.

La garderie l'Éveil reçoit un maximum de 23 enfants de 3 à 5 ans.

Université de Montréal*

Renseignements généraux

Adresse: Case postale 6128, Succursale A, Montréal (Québec) H3C 3J7
Téléphone: (514) 343-6111
Télex: 052-67389

Recteur: G.G. Cloutier, OC, PhD, MSRC

Pour la liste complète des membres du corps professoral de l'Université de Montréal, prière de vous reporter à l'annuaire de l'Université de Montréal ou au *Commonwealth Universities Yearbook*.

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au secrétaire général, M. Lespérance, LLL

Agents d'admission: R. Belzil, G. Bienvenue, D. Boileau, J. Bourguignon, C. Fagnan, L. Longtin. Telephone: (514) 343-7076

Inscriptions (1985-1986):

1er cycle à temps plein:	19,184
1er cycle à temps partiel:	19,199
2e et 3e cycles à temps plein:	4,492
2e et 3e cycles à temps partiel:	5,058

Professeurs à temps plein (1985-1986): 1,788

Revenu total (1984-1985): $247,504,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$164,356	66.4%
Frais de scolarité	12,452	5.0%
Divers	7,458	3.0%
Total partiel	$184,266	74.4%
Revenus d'autres sources		
Entreprises auxiliaires	$ 11,182	4.5%
Fonds à destinations spéciales et fiducies	6,641	2.7%
Recherche commanditée	39,778	16.1%
Installations	5,637	2.3%
Total partiel	$ 63,238	25.6%
TOTAL	$247,504	100%

Historique et statuts

En 1876, à la suite d'une demande faite par Mgr Ignace Bourget, évêque de Montréal, la sacrée congrégation de la Propagande proposa à l'Université Laval d'établir à Montréal une succursale où l'on donnerait la même formation qu'à Québec. L'enseignement fut inauguré en 1878 dans les facultés de théologie et de droit. En vertu de la constitution apostolique Jamdudum du 2 février 1889, la succursale devint pratiquement indépendante de la maison de Québec; elle recevait encore ses grades du conseil universitaire de Québec mais elle possédait une administration locale complète. En 1919 et 1920, la succursale fut dotée de son autonomie entière, de droit et de fait; elle prit le nom d'Université de Montréal et conféra ses premiers grades en 1921. Dans l'ordre canonique, elle fut d'abord régie, à partir du 8 mai 1919, par un rescrit préparatoire à une bulle pontificale. La charte civile lui a été octroyée par la Législature provinciale du Québec, le 14 février 1920. Le 30 octobre 1927, elle recevait de Rome la bulle définitive. Une nouvelle charte administrative est entrée en vigueur le 5 juin 1950; elle a été abrogée par la charte actuelle qui date du 1er septembre 1967 et qui en fait une institution à caractère public.

En vertu de sa charte, l'administration générale de l'université relève des corps universitaires suivants: le Conseil, le Comité exécutif, l'Assemblée universitaire, la Commission des études. Le Conseil de l'université exerce tous les droits de l'université et tous les pouvoirs nécessaires à l'administration et au développement de celle-ci. Il se compose de 24 membres. Le Comité exécutif assure l'exécution des décisions du Conseil et en exerce tous les pouvoirs sauf ceux que les statuts attribuent exclusivement au Conseil ou que celui-ci se réserve. L'Assemblée universitaire énonce les principes généraux qui président à l'administration générale et fait les règlements relatifs au statut des professeurs et à la discipline universitaire. La Commission des études assure la coordination de l'enseignement et est responsable de l'organisation pédagogique de l'université; celle-ci est essentiellement l'assemblée des doyens et des directeurs des écoles affiliées.

Terrains et bâtiments

Le campus de l'Université de Montréal qui s'étend sur le versant nord-ouest du Mont-Royal couvre une superficie d'environ 661,000m^2. Outre les pavillons d'administration et d'enseignement, le campus comprend des bibliothèques, un Centre de calcul, un Centre de sondage, des résidences d'étudiants, une garderie et un imposant Centre d'éducation physique et des sports comportant notamment une patinoire, un terrain de football avec surface synthétique, une salle et des plateaux permettant la pratique, à l'intérieur, d'une centaine de sports, un bassin de plongeon, un bassin de 50 mètres pour la natation, une piste de ski alpin. En dehors du complexe universitaire du Mont-Royal, l'université dispose d'importantes annexes: à 42 kilomètres, dans la ville de Saint-Hyacinthe, la faculté de médecine vétérinaire; dans le sud-est de la province, l'Observatoire astronomique du mont Mégantic doté d'un télescope de 1.60m; à Saint-Hippolyte, dans le massif des Laurentides, pour les besoins d'études sur l'environnement et la biologie, une "réserve naturelle" de 1,571 hectares pourvue de laboratoires; autre annexe, plus lointaine encore: le Fonds Saint-Jacques, à la Martinique, siège du Centre de recherches caraïbes.

Bibliothèques

L'université met à la disposition de ses professeurs, de ses étudiants et de son personnel les ressources du Service des bibliothèques. Le fonds documentaire est constitué de 2,963,737 imprimés et microtextes et de 122,327 documents audiovisuels.

Programmes et grades

A moins de contre-indication, l'obtention du baccalauréat requiert trois années (90 crédits) d'études après le DEC ou l'équivalent, la maîtrise exige trois trimestres d'études après l'obtention du baccalauréat et le doctorat six trimestres d'études après la maîtrise. Le crédit représente 45 heures consacrées par l'étudiant à une activité pédagogique (cours, stage, recherche) en incluant dans chaque cas, s'il y a lieu, le nombre moyen d'heures de travail personnel nécessaire suivant l'estimation de l'université.

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* Membre ordinaire de l'AUCC

On trouvera des détails sur les programmes au chapitre **Grades et diplômes.**

Administration des affaires

Baccalauréat en administration des affaires (BAA)
Maîtrise en administration des affaires (MBA) Un an après le BAA ou deux ans après un premier grade spécialisé d'une autre discipline.
Diplôme en sciences administratives (DSA) Un an après un grade de premier cycle, quatre ans (Cours du soir) après un grade de premier cycle.
Maîtrise en sciences de la gestion (MSc) Quatre trimestres après le BAA.
Philosophiae doctor en administration (PhD) Deux ans après un MBA ou l'équivalent. Thèse.

Administration des services de santé

Maîtrise ès sciences en administration des services de santé (MSc) Cinq trimestres après un autre grade de premier cycle. Mémoire.

Aménagement, Architecture, Urbanisme

Baccalauréat en architecture (BArch) Quatre ans après le DEC ou l'équivalent.
Baccalauréat en architecture de paysage (BAP) Quatre ans après le DEC ou l'équivalent.
Baccalauréat en design industriel (BDI) Quatre ans après le DEC ou l'équivalent.
Baccalauréat en urbanisme (BSc) Trois ans après le DEC ou l'équivalent.
Maîtrise en aménagement (MScA) Quatre trimestres après un baccalauréat spécialisé ou l'équivalent. Mémoire.
Maîtrise en urbanisme (MUrb) Quatre trimestres après le baccalauréat spécialisé ou l'équivalent. Mémoire.
Philosophiae doctor en aménagement (PhD) Six trimestres après la maîtrise. Thèse.

Droit

Baccalauréat en droit (LLB)
Diplôme d'études spécialisées (droit) (DESp) Deux ans après le LLB.
Diplôme de droit notarial (DDN) Deux trimestres après le LLB.
Maîtrise en droit (LLM)
Doctorat en droit (LLD) Thèse.

Éducation physique

Certificat
Baccalauréat ès sciences (éducation physique) (BSc)
Maîtrise ès sciences (éducation physique) (MSc)
Maîtrise ès sciences (sciences de l'activité physique) (MSc) Trois trimestres après le BSc spécialisé. Mémoire.
Philosophiae doctor (sciences de l'activité physique) (PhD) Six trimestres après la MSc. Thèse.

Études médiévales

Maîtrise ès arts en sciences médiévales (MA) Trois trimestres après un grade de premier cycle approprié.
Philosophiae doctor en sciences médiévales (PhD) Six trimestres après la MA. Thèse.

Génie

Baccalauréat en ingénierie (BIng) Quatre ans après le DEC.
Maîtrise ès sciences appliquées (MScA) Trois trimestres après un grade de premier cycle approprié. Mémoire.
Maîtrise en ingénierie (MIng) Trois trimestres après un grade de premier cycle approprié.
Maîtrise en génie biomédical (MScA ou MIng) Trois trimestres après un grade de premier cycle approprié. Conjointement avec la faculté de médecine.
Philosophiae doctor (génie biomédical) (PhD)
Philosophiae doctor (PhD) Six trimestres après la MScA. Thèse.
Diplôme d'études spécialisées. Un an après le BIng ou un grade de premier cycle approprié.
Maîtrise en mathématiques appliquées (MScA) Trois trimestres après un grade de premier cycle approprié.
Diplôme d'études spécialisées (électrochimie appliquée) (DESp) Deux trimestres après un grade de premier cycle approprié.

Histoire et sociopolitique des sciences

Maîtrise ès sciences (histoire et sociopolitique des sciences) Quatre trimestres après un grade de premier cycle approprié ou en histoire. Mémoire.
Philosophiae doctor en histoire et sociopolitique des sciences (PhD) Six trimestres après la MSc. Thèse.

Hygiène du travail et de l'environnement

Maîtrise ès sciences en hygiène (MSc) Trois trimestres après le MD, DMD, DMV, BSc. Mémoire.

Médecine

Certificats
Doctorat en médecine (MD) Cinq ans après le DEC ou l'équivalent.
Maîtrise en médecine (MSc) Trois trimestres après le MD, DMD, le DMV ou le BSc spécialisé. Mémoire.
Philosophiae doctor (PhD) Six trimestres après la MSc. Thèse.
Baccalauréat ès sciences (nutrition) (BSc) Trois ans et demi après le DEC.
Baccalauréat ès sciences (ergothérapie, orthophonie et audiologie, physiothérapie (BSc) Trois ans après le DEC.
Maîtrise en orthophonie et audiologie (MOA) Un an après le BSc. Mémoire.
Maîtrise ès sciences (nutrition) (MSc) Maîtrise professionnelle. Trois trimestres après le BSc ou l'équivalent. Mémoire.
Maîtrise ès sciences (nutrition) (MSc) Maîtrise de recherche. Trois trimestres après le MD, DMD, DMV, ou le BSc spécialisé. Mémoire.
Philosophiae doctor (nutrition) (PhD) Six trimestres après la MSc ou l'équivalent.
Diplôme de toxicologie*. Deux trimestres après un diplôme de premier cycle en sciences biologiques, chimie ou sciences de la santé.
Diplôme (santé communautaire) Deux trimestres après le MD, DMD, DMV ou diplôme de premier cycle en sciences de la santé.
Maîtrise ès sciences (santé communautaire) (MSc) Quatre trimestres après le MD, DMD, DMV, BSc en sciences infirmières, en nutrition ou dans un autre domaine des sciences de la santé.
Philosophiae doctor (santé communautaire) (PhD) Six trimestres après la MSc.

Médecine dentaire

Certificats
Doctorat en médecine dentaire (DMD) Quatre ans après le DEC ou l'équivalent.
Certificat en orthodontie. Six trimestres après le DMD.
Certificat en pédodontie. Six trimestres après le DMD.
Certificat en résidence multidisciplinaire. Trois trimestres après le DMD.
Maîtrise en orthodontie (MSc) Trois trimestres après la première année du certificat en orthodontie.

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* Programme interdisciplinaire assuré par la faculté des études supérieures, la faculté des arts et des sciences, la faculté de médecine, la faculté de médecine vétérinaire et la faculté de pharmacie.

Maîtrise en biologie dentaire (MSc) Trois trimestres après le DMD, ou le baccaulauréat ès sciences (option biologie), ou l'équivalent. Mémoire.

Médecine vétérinaire

Doctorat en médecine vétérinaire (DMD) Quatre ans après le DEC.
Certificat d'internat de perfectionnement en sciences appliquées vétérinaires (IPSAV) Trois trimestres après le DMV.
Diplôme en médecine vétérinaire préventive (DMVP) Trois trimestres après le DMV ou le BSc. Mémoire.
Diplôme de toxicologie*. Deux trimestres après un diplôme de premier cycle en sciences biologiques, chimie ou sciences de la santé.
Maîtrise ès sciences (anatomie et physiologie vétérinaire) (MSc) Trois trimestres après le DMV ou le BSc
Maîtrise ès sciences (pathologie et microbiologie vétérinaire) (MSc) Trois trimestres après le DMV ou le BSc
Maîtrise ès sciences (sciences cliniques vétérinaires) (MSc) Trois trimestres après le DMV ou le BSc
Maîtrise ès sciences (biologie moléculaire) (MSc) Trois trimestres après le MD, DMD, DMV ou BSc
Philosophiae doctor (biologie moléculaire) (PhD) Six trimestres après la MSc

Musique

Baccalauréat en musique (BMus)
Maîtrise en musique (composition/interprétation) (MMus) Deux ans après le BMus. Mémoire.
Maîtrise ès arts (musicologie) (MA) Deux ans après le BMus. Mémoire.
Philosophiae doctor (musicologie) (PhD) Thèse.
Doctorat en musique (DMus). Thèse ou récital.

Optométrie

Doctorat en optométrie (OD) Huit trimestres après le DEC.
Maîtrise ès sciences en optique physiologique (MSc) Trois trimestres après le OD ou le BSc. Mémoire.

Pharmacie

Baccalauréat en pharmacie (BPharm) Quatre ans après le DEC ou l'équivalent.
Diplôme en pharmacie d'hôpital. Un an après le BPharm et avoir réussi les cours PHM 4037, 4071, 4072, 4134 ou l'équivalent.
Diplôme de toxicologie*. Deux trimestres après un diplôme de premier cycle en sciences biologiques, chimie ou sciences de la santé.
Maîtrise ès sciences (MSc) (chimie médicinale, pharmacodynamie biochimique, pharmacognosie, sciences pharmaceutiques) Trois trimestres après le BPharm. Mémoire.
Philosophiae doctor (PhD) Six trimestres après la MSc. Thèse.
Polytechnique
Certificats

Sciences de l'éducation

Certificats
Baccalauréat ès sciences avec majeure et mineure
Maîtrise en éducation (MEd) Trois trimestres après un diplôme de premier cycle.
Maîtrise ès arts (MA) Trois trimestres après un diplôme de premier cycle. Mémoire
Philosophiae doctor (PhD) Six trimestres après la MA. Thèse.
Diplôme d'éducation comparée et internationale Deux trimestres après un diplôme de premier cycle.

Sciences humaines et sociales

Certificats
Baccalauréat ès arts spécialisé (BA)
Baccalauréat ès arts avec majeure et mineure.
Baccalauréat ès sciences spécialisé (BSc)
Baccalauréat ès sciences avec majeure et mineure.
Maîtrise ès arts (MA) Mémoire.
Maîtrise ès sciences (MSc) Mémoire.
Maîtrise en psychologie (MPs) Trois trimestres après le BSc. Mémoire.
Maîtrise ès sciences (sciences de la communication)(MSc) Quatre trimestres après un diplôme de premier cycle approprié.
Maîtrise en bibliothéconomie et sciences de l'information (MBSI) Quatre trimestres après un diplôme de premier cycle.
Diplôme d'études africaines. Un an après un grade octroyé par la faculté de droit, l'École des Hautes Études Commerciales ou la faculté des arts et des sciences, ou l'équivalent.
Diplôme de toxicologie*. Deux trimestres après un diplôme de premier cycle en sciences biologiques, chimie ou sciences de la santé.
Philosophiae doctor (PhD) Thèse.
Doctorat en psychologie (DPs) Six trimestres après la MPs. Thèse.

Sciences infirmières

Certificats
Baccalauréat ès sciences (BSc)
Maîtrise ès sciences (MSc) Mémoire.

Sciences pures

Certificats
Baccalauréat ès sciences spécialisé (BSc)
Baccalauréat ès science (BSc) (bidisciplinaire: Mathématiques/informatique. Mathématiques/physique.)
Baccalauréat avec majeure et mineure.
Maîtrise ès sciences (MSc)
Philosophiae doctor (PhD) Thèse.

Théologie

Certificats
Baccalauréat en théologie (BTh)
Baccalauréat ès arts (BA)
Baccalauréat ès arts avec majeure et mineure.
Maîtrise ès arts (MA) Avec ou sans mémoire.
Philosophiae doctor (PhD). Thèse.
Licence en théologie (LTh) Six trimestres après BSpéc ou avec majeure en théologie. Mémoire.
Doctorat en théologie (DTh) Trois trimestres après la LTh. Thèse.

Diplômes et certificats

L'université décerne un diplôme à l'étudiant qui réussit un programme de diplôme (60 crédits). Elle donne une attestation de certificat à l'étudiant qui réussit un programme mineur ou de certificat (30 crédits).

Éducation permanente

Chacun des programmes comprend un minimum de 30 crédits et est couronné par un certificat de l'Université de Montréal. Pour des renseignements détaillés sur les programmes de certificat offerts par l'université, prière de vous reporter au chapitre **Grades et diplômes.** Le regroupement approuvé de trois programmes mineurs ou certificats permet à l'étudiant d'obtenir un baccalauréat ès arts (BA) ou un baccalauréat ès sciences (BSc)

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* Programme interdisciplinaire assuré par la faculté des études supérieures, la faculté des arts et des sciences, la faculté de médecine, la faculté de médecine vétérinaire et la faculté de pharmacie.

Conditions d'admission

1er cycle

Québec: Les candidats doivent posséder le Diplôme d'études collégiales (DEC) ou l'équivalent, dont le choix d'options répondra aux profils d'entrée exigés par les différentes facultés.

Autres provinces: Les candidats des autres provinces doivent satisfaire de façon équivalente aux mêmes conditions. Prière de s'adresser au Bureau du registraire (Service des admissions) pour obtenir de plus amples renseignements.

2e et 3e cycles

Le candidat doit, en plus de manifester des aptitudes pour la recherche, détenir le grade préalablement requis ou l'équivalent.

Étudiants adultes

Peuvent être admises à titre de candidats adultes les personnes sur le marché du travail qui sont âgées d'au moins vingt et un ans.

Étudiants étrangers

Les dossiers de ces candidats seront évalués en fonction des conditions exigées des étudiants du Québec.

Autres: Les candidats qui justifient du baccalauréat international sont admissibles.

Note: L'enseignement à l'Université de Montréal se donne en français et les candidats doivent posséder une connaissance suffisante de cette langue pour être admis à l'une ou l'autre des facultés.

Demandes et délais

Les candidats aux programmes d'étude du 1er cycle doivent soumettre leur demande d'admission au plus tard le 1er mars pour les trimestres d'été et d'automne et au plus tard le 1er novembre pour le trimestre d'hiver. Les candidats aux programmes d'étude de 2e et 3e cycles doivent soumettre leur demande d'admission au plus tard le 1er février pour les trimestres d'été et d'automne et le 1er novembre pour le trimestre d'hiver.

Frais (1986-1987)

Droits de scolarité: 1er cycle: le maximum par trimestre qu'un étudiant doit verser pour ses droits de scolarité est $270 sauf pour les exceptions suivantes: aménagement, pharmacie et optométrie, $295; médecine dentaire, $320; médecine, $370; médecine vétérinaire, $250.

2e cycle: les droits de scolarité d'un étudiant à plein temps sont $185 sauf pour les exceptions suivantes: médecine dentaire (MScOrthodontie, $290; CertOrtho, $245; CertPédo, $245); médecine DES, $250; médecine vétérinaire, $170. Les grades suivants sont facturés à $275 par trimestre: MBibliothéconomie, MScSciences infirmières, MScAAménagement (arch), MUrbanisme, Diplôme d'études africaines, Diplômes de droit notarial, MMusique, Diplôme de pharmacie d'hôpital, MEducation.

3e cycle: les droits de scolarité d'un étudiant à plein temps ou en résidence de recherche sont de $185 par trimestre.

Étudiants à temps partiel: $29 par crédit pour les cours avec laboratoire et $21.50 par crédit pour les cours sans laboratoire sauf pour les étudiants libres du 1er cycle et les étudiants du 1er cycle à qui les cours sont donnés hors de la région métropolitaine de Montréal, telle que définie par Statistique Canada pour les fins du recensement, dont les frais de scolarité sont de $25 par crédit de cours avec laboratoire et de $17.50 par crédit de cours sans laboratoire.

Les droits de scolarité des étudiants étrangers 1985-1986: $2,900 par trimestre pour les étudiants inscrits à plein temps, ou $195 par crédit pour les étudiants à temps partiel; $175 par trimestre pour les étudiants inscrits en résidence-recherche, rédaction de mémoire ou de thèse; $2,900 pour l'année scolaire, pour les internes et résidents en médecine.

Résidence: $125 par mois (sans pension) pour une chambre simple et $110 par personne pour une chambre double.

Tous les droits sont sujets à changement sans préavis.

Année universitaire

Trimestre d'automne: de septembre à décembre. Trimestre d'hiver: de janvier à avril. Trimestre d'été: de mai à août.

Système de notation

Deux systèmes de notation sont en vigueur. Système de notation à seuil unique: l'étudiant réussit à un cours lorsqu'il obtient au moins 60 p. 100 des points attribués à l'ensemble des travaux et des examens imposés. Un résultat inférieur à 60 p. 100 entraîne un échec à ce cours. Système de notation à double seuil: l'étudiant réussit à un cours lorsqu'il obtient au moins 50 p. 100 des points attribués à l'ensemble des travaux et des examens imposés. Un résultat inférieur à 50 p. 100 entraîne un échec à ce cours. Prière de consulter l'annuaire de l'Université de Montréal pour obtenir des renseignements sur le système de notation de chaque faculté.

Aide aux étudiants

On peut obtenir des renseignements sur les bourses et prêts pour les études de baccalauréat, maîtrise et doctorat au Canada et à l'étranger en s'adressant au Bureau de l'aide financière des Services aux étudiants.

Vie étudiante et services aux étudiants

La Fédération des associations étudiantes du campus de l'Université de Montréal (FAECUM) est l'organisme représentatif des étudiants de tout le campus. Elle est vouée à la défense des intérêts fondamentaux des étudiants et elle représente les associations d'étudiants de plus d'une trentaine de départements et écoles.

Il y a cinq services aux étudiants: sports, santé, service d'animation culturelle, service d'orientation et de consultation psychologique et les services socioéconomiques, qui regroupent le bureau de l'aide financière, le bureau de l'accueil des étudiants étrangers et non montréalais, le bureau des services aux étudiants handicapés, le bureau de logement hors campus, le bureau universitaire de l'emploi et le bureau des services juridiques. La direction des services aux étudiants coordonne l'activité de ces services et administre leur budget global. La section des affaires étudiantes relève de la direction qui constitue également l'intermédiaire officiel entre l'administration et les étudiants pour toutes questions d'ordre non scolaire, telles que les projets étudiants, les griefs, les problèmes et l'amélioration de la qualité de la vie sur le campus.

Les résidences sur le campus, au nombre de trois, comptent 1,088 chambres pour une personne et 44 chambres pour deux personnes.

Le Bureau de logement hors campus de l'université possède une liste de logements, appartements ou chambres à louer, dans le quartier universitaire ou ailleurs à proximité de l'université.

Organismes de recherche

Centre de recherche de mathématiques appliquées. Directeur intérimaire: F.H. Clarke, PhD

Centre de recherche et développement en économique. Directeur: R. Lacroix, DScÉcon

Centre de recherche en droit public. Directeur: P.A. Molinary, LLM

Centre de recherche en reproduction animale. Directeur: K.J. Betteridge, BVSc, MVSc, PhD

Centre de recherche en sciences neurologiques. Directeur: Y. Lamarre, MD, PhD

Centre de recherche sur la croissance humaine. Directeur: A. Demirjian, MScD, DDS.

Centre de recherche sur les transports. Directeur: J.-M. Rousseau, MSc, PhD

Centre de recherches caraïbes. Directeur: C. Morin, D3e Cy

Centre de recherches écologiques de Montréal. Directeur: P. Gangloff, D3eCy

Centre de sondage. Directeur: V. Tremblay, MSc

Centre d'études et de documentation européennes. Directeur: A être nommé

Centre international de criminologie comparée. Directeur: A. Normandeau, MA, PhD

Centre interuniversitaire d'études européennes. Directeur: Alex Macleod

Centre de recherche informatique de Montréal. Président: René J.A. Lévesque, PhD

Groupe d'analyse des politiques sociales. Directeur: F. Lesemann, MA, doctorat en sociologie

Groupe de recherche en hépatologie. Directeur: P.-M. Huet, MD, PhD

Groupe de recherche en immunologie des maladies infectieuses. Directeur: P. Viens, MD, PhD

Groupe de recherche en immunobiologie de l'Université de Montréal. Directeur: M. Pelletier, MD

Groupe de recherche en reproduction humaine. Directeur: A. Chapdelaine, MD, MSc

Groupe de recherche en sémantique, lexicologie et terminologie. Directeur: André Clas, DPh

Groupe de recherche en socio-technologie de l'adaptation. Directeur: R. Lévy, MSc, PhD

Groupe de recherche en transport membranaire. Directeur: R. Laprade, PhD

Groupe de recherche en virologie comparée. Directeur: E. Kurstak, MD, Doctorat d'État

Groupe de recherche Industrialisation Forum. Directeur: C.H. Davidson, MArch

Groupe de recherche sur la démographie québécoise. Directeur: E. Lapierre-Adamcyk, MA

Groupe de recherche sur l'Amérique latine. Directeur: P. Faucher, MA, Doctorat de 3e cycle en sociologie

Groupe de recherche sur les aspects sociaux de la prévention en santé et sécurité du travail. Directeurs: M. Renaud, MA, PhD et M. Simard, PhD

Groupe de recherche sur la physique de la technologie des couches minces. Directeur intérimaire: A. Yelon, PhD

Groupe de recherche sur l'inadaptation juvénile. Directeur: M. Le Blanc, MA, PhD

Groupe de recherche sur l'Asie de l'Est. Directeur: C. Le Blanc, MA, PhD

Groupe multidisciplinaire de recherche en hypertension. Directeur: M. Cantin, PhD

Groupe de recherche interdisciplinaire en santé. Directeur: A.P. Contandriopoulos, PhD

Groupe de recherche interuniversitaire sur la prévention de l'inadaptation psychosociale. Directeur: R.E. Tremblay, MPsEd, PhD

Groupe interuniversitaire de recherche en anthropologie médicale et en ethnopsychiatrie. Vice-présidente: G. Dubreuil, MA (Département d'anthropologie)

Laboratoire de physique nucléaire. Directeur: L. Lessard, PhD

Observatoire astronomique du mont Mégantic. Directeur: S. Demers, PhD

Station de biologie. Directeur: P.-P. Harper, MSc, PhD

Écoles affiliées

École des Hautes Études Commerciales, 5255, avenue Decelles, Montréal, H3T 1V6 Téléphone, (514) 340-6300. Directeur: P. Harvey, LSc com.
École Polytechnique, 2500 ch. de Polytechnique, Campus de l'Université de Montréal, C.P. 6079, Succursale A, Montréal, H3C 3A7 Téléphone, (514) 340-4943. Directeur: R. Doré, PhD méc. appl.

Du point de vue juridique, ces écoles sont administrativement et financièrement autonomes. Un contrat d'affiliation les rattache à l'Université de Montréal qui décerne les diplômes et approuve les programmes d'études ainsi que les règlements pédagogiques. En outre, l'Université de Montréal possède un droit de regard sur leurs règlements en ce qui concerne le statut des professeurs.

Mount Allison University*

General Information

Address: Sackville, New Brunswick E0A 3C0
Telephone: (506) 364-2200
Telex: 014391

President: Donald O. Wells, BSc, MSc, PhD

For a complete list of Mount Allison faculty, see the Mount Allison calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, Leonard Owen, BA, MA

Director, admissions: John Gardiner

Enrolment (1985-1986):

Full-time undergraduate:	1,734
Part-time undergraduate:	711
Full-time graduate:	7

Full-time faculty (1985-1986): 135

Total income (1984-1985): $22,127,000

General operating fund income	('000)	
Government grants	$ 9,459	42.8%
Fees	2,701	12.2%
Miscellaneous	3,482	15.8%
Sub Total	$ 15,642	70.8%
Other funds income		
Ancillary enterprises	$ 4,607	20.8%
Sponsored research	1,227	5.5%
Plant	651	2.9%
Sub Total	$ 6,485	29.2%
TOTAL	$ 22,127	100%

History and Governance

Mount Allison Wesleyan College, founded in 1843 as an academy, was granted the power to confer degrees in 1858 by the legislature of the province of New Brunswick. In 1875, a faculty of theology was added to the original faculties of arts and science, and schools of applied science and home economics were established in 1903. After church union in 1925, an arrangement was made with Pine Hill Divinity Hall (Halifax) whereby theological subjects, except for the first year, would be taught by Pine Hill. In 1913, the name of the institution was changed to Mount Allison University; and at that same time the name of the corporation was changed to the Regents of Mount Allison. In 1937, the conservatory of music and the Owens School of Fine Arts, previously under separate administration, were added to the faculties of the university. In 1963, the name of the corporation was again changed, this time to Mount Allison University. University teaching began in 1859; the first degrees were awarded in 1863.

Government of the university is vested in a 60-member board of regents, a 60 member senate, and faculty council. Mount Allison is a co-educational university. While it is directly connected with the United Church of Canada, the university is operated on non-sectarian principles and concentrates on degrees at the undergraduate level.

Buildings and Grounds

The university is located in the town of Sackville, population 5,755. The campus, which comprises approximately 100 acres, contains eight teaching buildings, a library, a chapel, an art gallery, administration facilities, a 1,500-seat convocation hall, a rink, a gymnasium, a students' centre, a swimming pool, and playing fields.

Library

The Ralph Pickard Bell Library is designed to house 400,000 volumes and seat 500 students. It provides open-stack shelf arrangement of all collections and facilities for the use of all types of audiovisual materials. The present holdings of the library total 300,000 volumes of catalogue books and periodicals, a collection of 180,000 government documents, 17,600 map sheets, over 7,000 recordings and the equivalent of 250,000 volumes in various microforms. Departmental collections are maintained in chemistry and geology, and a music library houses the collections of musical recordings, books, periodicals, and scores.

Special collections: university archives
Winthrop Bell collection of Acadiana
Davidson collection of folklore, ballads, music, drama and modern poetry.

Programs and Degrees

Bachelor's degrees require four years (20 credits) from high school graduation unless otherwise specified.
Three credits normally represent three lecture hours per week for one term.
Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts
Bachelor of arts (BA) Three or four years from high school graduation.

Commerce
Bachelor of commerce (BComm) four years from high school graduation.

Education
Bachelor of education (BEd) One year following graduation in arts, commerce, music, or science.

Engineering
Certificate in engineering. The first two years of an engineering degree program are offered, the final years of which may be completed at the Technical University of Nova Scotia or the University of New Brunswick.

Fine arts
Bachelor of fine arts (BFA) Four years from high school graduation.

Music
Bachelor of music (BMus) Four years from high school graduation.
Bachelor of arts with major in music (BA)

Science
Bachelor of science (BSc) Three or four years from high school graduation. Pre-medicine, pre-dentistry and pre-

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* Ordinary member, AUCC

veterinary programs may be completed within the faculty of science.

Master of science (MSc) Usually 18 months from an honours bachelor's degree in science.

Secretarial science

A student may qualify for a secretarial certificate in conjunction with a degree in arts, science, or commerce.

Theology

Bachelor of arts (BA) Four years in arts from high school graduation and three years at the Atlantic School of Theology, or other theological schools.

Special programs

Interdisciplinary: Interdisciplinary programs are available in American studies, Canadian studies, classical studies, drama, medieval-Renaissance studies, international studies and social thought. The curricula allow many students to draft, with faculty guidance, an interdisciplinary program suited to their particular needs.

Continuing education

Correspondence: Correspondence courses in a number of arts subjects.

Immersion: A few evening courses in arts, science and education are offered in several communities by regular faculty members. Summer school French and English immersion programs (beginning and intermediate levels) are available. Courses taken in immersion programs may count for credit on some degrees.

Summer session: Special summer school programs are available. They include the United Nations seminar for high school students, the summer art workshop, the instrumental music camp, and the summer school of ballet, highland dancing and piping. Summer athletic camps are available for basketball, football, swimming, and field hockey. Call (506) 364-2265 for information.

Admission Requirements

New Brunswick: A 60% average on six specified courses, with no mark below 50%, is required of graduates from schools in which the pass mark is 50%.

Students from New Brunswick must successfully complete Mathematics 112 and five 122 level courses, of which one must be English 122, one must be a science, and one must be from a group of social sciences and humanities. A level one (enriched) course is acceptable in place of a level two (regular) course in each subject as are comparable courses instructed in French. The courses required for admission are: a) Mathematics 112+; b) English 122*+; c) one of Biology 122, Physics 122 or Chemistry 122; d) one of Canadian Literature 122+, French 126*, other languages at the 122 level, History 122, Geography 122, Economics 122, Political Science 122; e) one from those listed above or Mathematics 122+; f) one from those listed above or one other course approved by the New Brunswick Department of Education at the 122 level+.

Other provinces and USA: Students from other Canadian provinces/territories and the United States, will be considered for admission provided that they have successfully completed at the graduation level of their particular province, or state, a selection of high school university preparatory courses, with the required academic standing, comparable to that of New Brunswick applicants. Where graduation is from a grade level lower than grade 12, students will be required to provide evidence of high academic achievement.

Mature students

Mature applicants who have not satisfied the admission requirements will be considered for admission upon submission of evidence of ability and motivation to undertake successfully university level study. Mature applicants will normally not have been registered as full time students for at least five years.

Senior citizens

Senior citizens, those who have passed their 60th birthday, may register as internal students without payment of tuition.

Graduate

For admission to courses leading to a first degree in education, a bachelor's degree is required.

For admission to a MSc in Biology or Chemistry an honours undergraduate degree, or equivalent, is required. Registration is limited.

Foreign students

Students from outside Canada and the United States will be considered for admission provided that:

a) they have successfully completed at the GCE "0" level (or comparable level), a selection of high school university preparatory courses equivalent to those required from New Brunswick applicants. Grades of 1 to 3 (A to C) are required in all papers;

and b) they have completed with satisfactory performance one full year of formal schooling beyond GCE "0" level.

Students whose first language is not English will be required to submit evidence of a mastery of English sufficient to follow lectures and to write assignments and examinations in English - for example, a score of 550 on the Princeton Education Testing Services TOEFL test is acceptable. Proof of sufficient funds to underwrite costs is required.

The International Baccalaureate is recognized.

Costs (1985-1986)

Tuition: Fees for all full-time undergraduate programs are $1,470 per year. Part-time: $295 per subject. Master's program: $300 per year. Foreign students are required to pay an additional fee of $1,700 per year.

Residence: Room and board (double room), $3,375 for 19-meal plan. Single room supplement, $375. Rates for off-campus housing are comparable to residence costs.

Miscellaneous: Athletic fee, $30. Argosy Weekly, $13. Student fee, $70. University Centre Extension Program, $15, mail box, $5. Radio CHMA $19.75.

Medical fee: Canadian $61.08; foreign $232.68.

All fees subject to change without notice.

Academic Year

Winter session: early September to early May. Summer session: early July to mid-August.

Grading System

Standing is graded in each subject by division: Division I, 80-100%; Division II, 70-79%; Division III, 60-69%; Pass, 50-59%; Failure, below 50%.

+ Note: No more than 2 courses from the same subject can be used to fulfill admission requirements.

* Note: Students from francophone school systems may substitute English 126 for English 122 and are required to substitute French 122 for French 126.

Student Aid

The university awards a substantial number of entrance scholarships for new students. The value of these ranges from $500 to $4,000 in the first year. Renewals are granted in variable amounts depending on the academic average achieved. These scholarships are based on the candidate's academic record and in some cases financial need is taken into account. Bursaries are available to students with financial need. For information contact: Director of Financial Aid, Centennial Hall.

Student Life and Services

Student Government

Student self-government has existed at Mount Allison for many years. Since the early 1970's, when the impact of "in loco parentis" diminished significantly, students have assumed increasing responsibility for their own affairs. The Student Administrative Council, which acts on behalf of the Student Union is involved in provision of the following services: Entertainment, photocopying, tutor referral service, games room, mini-course program, examination file, Winter Carnival, Student Directory, Allisonian Year Book, Student Handbook, organizing group travel tours, speakers, movies and variety shows, Academic Enrichment Fund.

Every student registered in three or more full courses is a member of the Student Union. The affairs of the Union are overseen by the 20-member Student Administrative Council (SAC). The SAC is directed by an Executive, the members of which are elected to their positions by a vote of the Union membership. The SAC operates on an annual budget of approximately $115,000 which is derived from student fees collected by the University. The 1700 full-time students at Mount Allison are represented by students on the University Senate, the Board of Regents and its Executive Committee.

The Students Administrative Council consists of 26 elected representatives. The President, V.P. Administrative, V.P. of University Affairs, and V.P. External are elected annually by all voting members of the Union. The Treasurer is appointed by full council. The other 21 members are elected annually according to their place of residence.

University Centre

The University Centre currently houses the University Bookstore, the Tantramarsh Club (the Pub), the Golden A cafeteria, the Chaplain's Office, the Security Office, the Games Room, Windsor Theatre, Hesler Hall, the offices of the Student Administrative Council, the Allisonian Yearbook, the Argosy Weekly Newspaper and CHMA FM 107, the new FM radio station on campus.

Athletic Facilities

The Athletic Centre houses the University pool, weight rooms, the main gymnasium and the offices of the staff of the Department of Physical Recreation and Athletics. Mount Allison fields varsity teams in AUAA competition in women's field hockey, basketball, volleyball and swimming, and men's football, soccer, swimming, hockey, wrestling, basketball. Allison Gardens, the University rink, is located near the Athletic Centre as are the football, rugby, soccer and field hockey fields. Campus recreation aims to meet the needs and interests of the University community through the provision of intramural sports, instructional classes, sports clubs (including men's and women's rugby, badminton, golf, curling, tennis, martial arts, women's ice hockey, indoor soccer, women's soccer, indoor field hockey, cross country skiing) and casual recreation.

Arts Facilities

Major cultural activities occur in Convocation Hall, particularly the Performing Arts Series which brings international artists to campus. Smaller dramatic performances are staged in Windsor Theatre. The Owens Art Gallery brings a wide variety of art exhibitions to campus.

Special Activities, Clubs and Societies

Special activities occurring on campus during the year include: Mount A Day, Junior Prom, Winter Carnival, banquets to celebrate Christmas and to honour students on the Deans' List, members of the Senior Class, Varsity athletes and freshmen.

Student Clubs and Societies include: Psychology, Bio-Med, Canadian Studies, Le Cercle Francais, Chapel Folk, Chemistry, Commerce, Conservatory Chorale, German, Ecnomics, Education, Engineering, English, Debating, Fine Arts, Gesner Geology, Garnet and Gold Musicals, Historicals, Inter-Varsity Christian Fellowship, Mount Allison Students in Society, Math and Computer Science, Off-Campus Students, Pre-theological, Sky-Diving, War Games, Women's Chorus, Young Liberals, Young P.C.'s, Young N.D.P.'s, Young Rhinos, World University Service of Canada Society, Society of All Nations (International Students), Ski Club, Curling, Karate, Men's and Women's Rugby and fitness.

Accommodation, Meal Plans

The University offers accommodation to approximately 1200 students. Windsor, Palmer, and Hunton Houses are women's residences. Trueman, Bennett, Thornton, and the Monastery are men's residences. Harper, Bigelow, Edwards, and Bermuda House are co-educaional residences. In addition, the University has acquired a number of older homes in close proximity to campus which house smaller groups of students and provide a more family-style atmosphere than some of the larger residences.

The Office of the Dean of Students and the Student Administrative Council's Off-campus Coordinator both provide housing services to off-campus students.

All students living in residence are required to participate in the Meal Plans. Off-campus students may purchase packages of 20 lunches or 20 dinners.

Day Care

Mount Allison does not provide day care facilities.

International Services

International students are invited to join the Society of All Nations. Dr. Ken Adams, Head of the Chemistry Department, is the International Student Advisor (telephone 364-2362).

Student Counselling

Academic, personal and career counselling are available on campus. Each student is assigned a faculty advisor to help with academic concerns. In addition, the Dean of Science, the Dean of Arts, their Assistant, the Registrar, and the Dean of Students are willing to discuss academic matters with any student.

Personnel in the Dean of Students Office will be pleased to discuss any concern or be the point of referral to other counselling services within and outside the University community for students with personal difficulties.

Career counselling is available from the counsellor in the Career Resource Centre.

Medical Services
Medical services are provided at the University Health Centre. Medical, life style and dietary concerns may be addressedto the University Nurse who also serves as an important liaison between the University and various health care services available within the community. A qualified dietician visits the centre on a weekly basis. Two local doctors each operate a weekly clinic in the Centre.

Handicapped Students
The University's policy of individual attention to all students allows for provision of services to certain handicapped students.

Ombudsman
Because the University is small and because all officers of the University are readily accessible, Mount Allison does not have an ombudsman.

Employment Services
The Canada Employment Centre on Campus located in Hillcrest House coordinates the advertising of on-and-off-campus employment for both the academic year and the summer. Many part-time jobs are available to students during the academic year, including positions as waiters in the Tantramarsh Club, employees of the dining halls, the library, the campus police force, as members of residence staff and as teaching assistants.

Mount Saint Vincent University*

General Information

Address: Halifax, Nova Scotia B3M 2J6
Telephone: (902) 443-4450

President: Naomi Hersom, BA, BEd, MEd, PhD

For a complete list of Mount Saint Vincent faculty, see the Mount Saint Vincent calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, D. Morris, AB

Admissions officer: Susan Tanner, BA(BusEc)

Enrolment (1985-1986):

Full-time undergraduate:	2,156
Part-time undergraduate:	1,501
Full-time graduate:	18
Part-time graduate:	97

Full-time faculty (1985-1986): 120

Total income (1984-1985): $14,967,000

General operating fund income

	('000)	
Government grants	$ 7,244	48.4%
Fees	3,502	23.4%
Miscellaneous	223	1.5%
Sub Total	$ 10,969	73.3%
Other funds income		
Ancillary enterprises	$ 2,408	16.1%
Special purpose and trust	210	1.4%
Sponsored research	768	5.1%
Plant	612	4.1%
Sub Total	$ 3,998	26.7%
TOTAL	$ 14,967	100%

History and Governance

Mount Saint Vincent University was granted a charter by the legislature of the province of Nova Scotia in 1925. Since 1914, it had been a junior college working under agreement with Dalhousie University to give the first two years of the Dalhousie arts program. The first degrees were awarded in 1927. A new charter, granted by the provincial legislature in 1966, provides for government by a 30-member board of governors. The senate consists of 30 members.

An agreement between Dalhousie University and the Mount provides that each university is to be represented on the senate of the other and that students are permitted to earn joint honours degrees. A similar agreement exists between MSV and the Nova Scotia College of Art and Design.

Mount Saint Vincent University is a liberal arts and science university operated by the Sisters of Charity of Halifax. The university is pre-eminently a women's university, but men are admitted as non-resident students.

Buildings and Grounds

The campus, overlooking Bedford Basin, is situated in the City of Halifax, (population 265,155). Evaristus Hall, the main administration building houses classrooms, laboratories, the library and residence facilities for students.

Seton Academic Centre, the university's main academic complex, can accommodate 1,500 students. Opened in 1971, the centre features a circular auditorium which can be converted into four theatre classrooms. It also houses a number of academic departments, the art gallery, language laboratories, board room, faculty offices and lounge, seminar and classrooms. There is also a day-care centre on campus.

The recently completed Rosaria Center, with facilities for social and athletic events and student services, is a welcome addition to the university campus.

The university is serviced by the regular Metro Transit system with a special hourly shuttle bus operating between the Mount and Dalhousie University.

Library

The library collection consists of 140,000 volumes, 950 current periodical titles, and a selection of Canadian and foreign newspapers. In addition to the materials available at the Mount Saint Vincent University library, students and faculty have reciprocal library privileges with the Killam library of Dalhousie University, the Technical University of Nova Scotia,the Nova Scotia College of Art and Design, and Saint Mary's University.

Special collections: MacDonald collection of english literature
Women's History collection with 25,000 titles

Programs and Degrees

Bachelor's degrees in Arts and Science require four years (20 units) from junior matriculation (grade 11), three years (15 units) from senior matriculation (grade 12) unless otherwise specified. Bachelor degrees in professional programs require four years from senior matriculation. Master's degrees require at least two years or four summers from the bachelor's degree.

One full unit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half unit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA)
Bachelor of arts (honours) BA(Honours)

Business

Diploma in executive secretarial studies. Two years from junior or senior matriculation.
Diploma in medical secretarial studies. Two years from junior or senior matriculation.
Diploma in legal secretarial studies. Two years from junior or senior matriculation.
Bachelor of secretarial arts. One year after secretarial diploma or three years from senior matriculation.
Bachelor of business administration (BBA) Four years from senior matriculation.
Certificate in business administration. Available on a part-time basis to mature students. Diploma in business administration. Available on a part-time basis only. Twelve units (six beyond certificate in business administration).

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Child Study
Bachelor of Child Study. Four years from senior matriculation. Concentrations available in Teaching Young Children, Special Education, Administration of Programs for Young Children and Developmental Disabilities. All concentrations require practica in addition to course work.

Education
Bachelor of education (BEd) One year from a first bachelor's degree. Prepares students for elementary and business teaching.
Integrated BA(BSc)-BEd. Four years from senior matriculation.
Master of education (MEd) No thesis required.
Master of arts in education (MAEd) Thesis required.
Master of arts in school psychology [MA(SP)] Two-year program. Thesis or project required.

Home economics
Bachelor of science in home economics (BScHEc)
Four years from either junior or senior matriculation.
Bachelor of home economics (BHEc)
Master of arts in home economics education (MAHEcEd)

Science
Bachelor of science (BSc)
Bachelor of science (honours) BSc (honours)

Public relations
Bachelor of public relations (BPR) Four years from senior matriculation.

Special programs
Co-operative Education: The university offers a cooperative education program which permits students to acquire practical work experience in their chosen fields, in addition to their academic studies. Participating faculties include business, home economics, modern languages and public relations.

Graduate Education: The university has a psycho-educational centre for the diagnosis and remedial treatment of reading problems.

DUET: Distance University Education via Television (DUET) provides live, interactive courses broadcast directly from the classroom/studio across the Atlantic region via cable, satellite and microwave. Distance students interact with classroom/studio students and with the professor using telephone lines in various telconferencing configurations.

Continuing education
Undergraduate arts, science and business classes, and graduate classes in education are available in the late afternoon and the evening, during both summer sessions on a rotational basis. Students may progress as either full or part-time students in most programs.

Arts and science classes at the undergraduate level and graduate classes in education and home economics education are provided during the summer session.

Business administration: A certificate and a diploma in business administration will be awarded to part-time students with appropriate work experience after completion of short programs (six credits and twelve credits respectively) in business and related subjects.

Gerontology: A certificate in gerontology will be awarded on completion of ten designated courses (six full credits) in the social sciences, biology, home economics and religious studies. These courses are given in the evening and in appropriate locations in the Maritime area.

Admission Requirements

Undergraduate
Nova Scotia: Grade 11, with a minimum 60 per cent average and no grade below 50 per cent in five subjects, will admit to the four-year arts and science programs. Nova Scotia grade 12 with minimum 60 per cent average in five academic subjects will admit to the three-year arts and science programs and to the four-year professional programs. Professional programs have individual high school subject prerequisites.

Other provinces: Certificates of equivalent standing are required from other provinces. New Brunswick, Prince Edward Island, Newfoundland, British Columbia, Alberta, Saskatchewan, Manitoba: students will be considered for admission after completion of grade 12 on the same basis as Nova Scotia grade 12 graduates. Ontario grade 13 is considered to be equivalent to Nova Scotia 12. Students completing Secondary V in Quebec, or grade 12 in Ontario will be considered on the same basis as students graduating from Nova Scotia grade 11.

Mature students
Special entrance may be granted to students who have not completed the formal requirements of high school graduation, but who have demonstrated their capability in employment or in private study. Such students normally will be admitted only if five years have elapsed since the applicant left high school. Special counselling is provided.

Graduate
A formal application for admission is required; forms are available from the registrar's office. Student must have obtained a first degree and a specified number of credits in the major subject, and must have completed certain prerequisite courses.

Foreign Students
Students whose mother tongue is not English must submit satisfactory scores in an English language test such as TOEFL. The minimum acceptable score is normally 600, although this may vary for different programs.

USA: Students must present grade 12 high school academic graduation with at least 15 points, a principal's recommendation and CEEB scores.

British Commonwealth, Hong Kong, West Indies, Africa and Commonwealth:
Applicants must pfesent GCE O-level in five subjects including English.

Other: Applicants submitting the international baccalaureate will be considered for admission on equivalent basis to Nova Scotia grade 12.

Application Deadlines

For Canadian students, August 15; foreign students, May 1; education and child study degrees, and public relations, April 1.

Costs (1985-1986)

Tuition:
Full-time undergraduate: $1,460.
Part-time undergraduate: $292 per full unit.
Visa students: $1,700 differential fee.
Graduate: $324 per full unit.
Incidentals:

Social/Athletic - $15 non-refundable
Student Union - $78 non-refundable for F/T
(Inc. drug plan)
$1 per half unit for P/T
Accommodation:
Single room average - $1,714
Shared accommodation average - $1,260
All fees subject to change without notice.

Academic Year

Winter session: early September to early May. Intersession: mid-May to late June. Summer session: early July to mid-August.

Grading

A numerical grading system is used. Failure: below 50 per cent. One unit of credit is given for a two-semester course, one-half unit of credit for a one-semester course.

Financial Aid

Programs of financial support are co-ordinated through the Office of the Registrar and the Student Financial Aid office. Financial Planning is an integral part of the services as well as assistance with student loans and appeals, bursaries and scholarships.

Merit scholarships are made available by the Sisters of Charity and benefactors who wish to assist the university to achieve its aim of providing higher education for women. Entrance scholarships are awarded on the basis of academic achievement. Scholarships ranging from $300 to $1,500 are available. No special application is necessary; on application to the university, the scholastic record of each applicant is considered and scholarships awarded accordingly. Scholarships are awarded to returning students based on continued academic excellence. These scholarships are awarded through faculty nominations to the Scholarship and Admissions Committee.

The Mount Saint Vincent University Bursary Program makes possible small grants to students in deep need in January of each year.

To be considered for a scholarship, a student's application must be submitted no later than March 31.

The Canada Student Loans Plan is available to students who can demonstrate need of financial assistance to undertake or continue university studies. In addition, students may obtain bursaries (maximum value of $1,400 each) that are not repayable.

An awards officer is available to assist students with loan applications and appeals.

Student Life and Services

The Mount Saint Vincent Student Union is an incorporated body comprised of all full-time and part-time students who have paid the union fee. The union is responsible for the promotion of all extra-curricular student activities on campus and for the financing of faculty societies, the yearbook, photopool and the student newspaper, the Picaro. The council also publishes an annual handbook on student life. The governing body of the union is the Students' Council. The council holds positions on the university senate and on the board of governors.

Students are housed in various locations around campus including Vincent Hall, 149 spaces; Assisi Hall, 151 spaces (high rise); Evaristus Hall, 95 spaces; all of which are meal plan residences. Marillac has 16 spaces, Lourdes 19 spaces, and five cedar townhouses, 100 spaces, circling a large fish pond to the north of the campus where residents do their own meal preparation. Single and double rooms are made available in all of the residence halls. A French Residence (Marillac) and a Health & Fitness House are on-going residence hall programs. All residences contain lounges, reading and recreational rooms. The Housing Office staff provide resources and assistance to all students living on campus.

A diversified athletic and recreation program provides opportunities for full participation by students, staff, faculty and community members. Program emphasis is on fitness and the development of healthy lifestyles. Included in the campus recreation program are aerobic exercise classes, dance, self-defense, karate, yoga, badminton, gymnastics and friendly competition in various individual and team sports. Hydro-gym equipment and exercise bicycles are available for weight training and body toning. Table tennis, pool and board games are enjoyed in The Games Room. The Mount is a member of the Nova Scotia College Conference and competes in inter-varsity badminton, and hockey.

The university chaplains work to develop students in Christian maturity in various ways: by being present and interested in student activities; by assuring a liturgy of Word and Eucharist; and by offering time for counselling and friendship. The chaplaincy has an ecumenical orientation.

The Student Health Office offers a full range of medical services. The university does not have a student infirmary but relies on the local hospitals when such services are required.

All Canadian students are covered by their provincial medicare plans while attending university. A student drug plan is in effect for the academic year. Foreign students are required to purchase a visa student health package.

The student services nutritionist provides individual and group counselling in areas of weight loss, therapeutic diets, food budgeting, and good nutritional food practices.

Professional counselling is available to all students who have personal, social and educational concerns. In addition, individual and group programs are available in areas of career exploration, study skills, assertiveness training and management of test and speech anxiety.

The campus Canada Employment Centre helps students to obtain permanent, summer or part-time employment and assists employers who wish to recruit at Mount Saint Vincent. Students seeking work are advised to register with the centre at the earliest possible date.

Jobs on campus are available to students during the academic year and in the summer. These duties may include maintenance, housekeeping, general office and switchboard work as well as laboratory assistance. Students are also employed by the food services contractor. Information about jobs on campus is available from the university personnel officer.

The Student Services Department coordinates services for the handicapped. While most university buildings are equipped with ramps and elevators, persons in wheelchairs are likely to have trouble negotiating the campus unless they can drive from one building to another.

Parking is available for a yearly fee of $50 for full-time students; there are lower rates for evening and summer students. Bus service is available through Halifax Transit.

The campus bookstore provides texts, school supplies, and sundry items at reasonable prices.

Research Institute

The Institute for the Study of Women.

The Institute for the Study of Women/L'Institut d'Etude sur la femme was established in 1981 to "improve the quality of life of women and to promote the equality of women with men through a fuller and more informed understanding of the role of women in Canadian society in the past, the present and the future." Director: Susan Clark, BA, MA, PhD

University of New Brunswick*

General Information

Address: Fredericton Campus, P.O. Box 4400, Fredericton,
New Brunswick E3B 5A3
Telephone: (506) 453-4995
Cable: UNB, Fredericton, New Brunswick
Telex: 014-46202
*Address:*Saint John Campus, Tucker Park, P.O. Box 5050,
Saint John, New Brunswick E2L 4L5
Telephone: (506) 648-5500

President: J. Downey, BA, BEd, MA, PhD

For a complete list of University of New Brunswick faculty, see the UNB calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the University Secretary, J. Woodfield, BA, PhD

High school liaison officer: Jack Cunningham

Enrolment (1985-1986):

Full-time undergraduate:	7,337
Part-time undergraduate:	2,030
Full-time graduate:	472
Part-time graduate:	245

Full-time faculty (1985-1986): 603

Total income (1984-1985): $85,343,000

General operating fund income	('000)	
Government grants	$ 49,685	58.2%
Fees	12,528	14.7%
Miscellaneous	1,420	1.7%
Sub Total	$63,633	74.6%
Other funds income		
Ancillary enterprises	$ 7,997	9.4%
Special purpose and trust.	2,635	3.1%
Sponsored research	9,146	10.6%
Plant	1,932	2.3%
Sub Total	$ 21,710	25.4%
TOTAL	$ 85,343	100%

History and Governance

The University of New Brunswick was established by the governor and council of New Brunswick in 1785 as the Academy of Arts and Science. It became the College of New Brunswick by provincial charter in 1800, and by royal charter it became King's College in 1828. In 1859 it was again reconstituted and given the name University of New Brunswick. The first degrees were awarded in 1828. The first course in engineering at a Canadian university was offered at the University of New Brunswick in 1854, and in 1908 a course in forestry was introduced. The Saint John Campus of the University of New Brunswick was established in 1964, and moved to its present site in Tucker Park in 1969.

The University of New Brunswick is a co-educational, non-denominational, publicly supported, provincial university. The major financial support, which comes from the provincial government, is administered by the Maritime Provinces Higher Education Commission. The university operates on two campuses and shares its Fredericton campus with St. Thomas University.

The university is administered by a 36-member board of governors and a 58-member senate.

Buildings and Grounds

The university has two campuses, one in the capital city of Fredericton (population 44,000), and a second campus in Saint John (population 100,000). There are over 50 buildings on the Fredericton campus, including those for St. Thomas University, a Roman Catholic co-educational university associated with UNB; the Maritime headquarters of the federal Forestry Research Centre; and the offices of the New Brunswick Teachers Federation. The University makes special arrangements to accommodate the needs of individual handicapped students. The campus in Saint John presently consists of five buildings: arts, science, a combined library-administration building, an athletics centre, and a student centre scheduled for completion in early 1986. A new all-weather track facility was completed on the UNBSJ Campus for the 1985 Canada Summer Games. Both campuses have room for expansion.

Libraries

The University library on the Fredericton campus has a collection of 879,778 printed volumes and 1,279,984 equivalent volumes of micro-materials; it subscribes to 5,349 serial titles. The collections are housed in the Harriet Irving library and its branches for education, engineering and science-forestry.

The faculty of law library in Ludlow Hall contains about 80,294 volumes; 4,440 volume equivalents, and subscribes to about 1,600 periodicals and serials. On the Saint John campus, the Ward Chipman library has 130,000 books, about 1,150 periodicals and serials, about 29,000 microfilms, and 5,700 non-print items.

Special collections: New Brunswick newspapers
Canadian literature
CIHM collection of pre-1900 Canadiana.
Collections of science fiction.
Documents relating to governors-general.

Programs and Degrees

Bachelor's degrees require four years from grade 12 unless otherwise specified. Master's degrees require at least one year from a bachelor's degree and doctorates require at least three years from a bachelor's degree unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Administration

Bachelor of business administration (BBA) One hundred and twenty credit hours required, including 54 in business and six in mathematics. Admission from grade 12.
Certificates in business administration and public administration. Thirty credit hours, through extension. One year or equivalent.

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*Ordinary member, AUCC

Master of public administration (MPA)
Master of business administration (MBA)

Arts
Bachelor of arts (BA) Majors and honours programs, both four years (126 credit hour program) from grade 12.
Master of arts (MA) One or two academic years from bachelor's degree. Residence requirements may be shortened on recommendation of department concerned.
Doctor of philosophy (PhD) At least three years from bachelor's degree or two years from master's degree.

Computer science
Bachelor of science in computer science (BScCS)
Master of science in computer science (MScCS)

Data analysis
Bachelor of science in data analysis (BScDA)

Education
Bachelor of education (BEd) Four years. Replaces two-year programs previously offered at New Brunswick Teachers' College and New Brunswick Institute of Technology.
Postgraduate bachelor of education (BEd) One year following recognized bachelor's degree.
Master of education (MEd) Minimum one year from BEd by course or by thesis.
CAUS (certificate of advanced undergraduate study) for certified teachers holding a degree in education.

Engineering
Bachelor of science in engineering (BScE) Minimum 180 credit hours. Better students may complete in four years.
Certificate programs in surveying engineering (in five specified areas). A total of 30 credit hours of non-elective and elective courses are required in each program.
Master of engineering (MEng) Minimum one year full time or equivalent part time. Report required.
Master of science in engineering (MScE) At least one year full time. Thesis
required. Program oriented towards research.
Doctor of philosophy (PhD)
Diploma in land information management. One year of full-time study. Offered jointly by the surveying engineering and computer science departments. Entrance requirement, an undergraduate degree in a related field of study such as civil or surveying engineering, geography, computer science, urban and regional planning, agriculture or forestry.
Diploma in mapping, charting and geodesy. Two-year program combining study at undergraduate and graduate levels. Entrance requirement, undergraduate degree in engineering or science.

Forestry
Bachelor of science in forestry (BScF) Five years from grade 12.
Bachelor of science in forest engineering (BScFE). Offered jointly by faculties of engineering and forestry.
Master of forestry (MF) Minimum one year full time after BScF.
Master of science in forestry (MScF) Minimum one year full-time study after BScF. Thesis required. Program oriented towards research.
Doctor of Philosophy (PhD)

Law
Bachelor of laws (LLB) Three years from bachelor's degree in arts, business administration, commerce, or science. Arts or business administration students at UNB or St. Thomas University may be admitted after penultimate year of first degree program.

Nursing
Bachelor of nursing (BN) Degree program for registered nurses (BN) Three-year generalized nursing program. There are nursing courses in all years, with field work required.

Physical education and recreation
Bachelor of physical education (BPE)
Master of physical education (MPE) Report or thesis required.

Science
Bachelor of science (BSc)
Master of science (MSc) At least two years from bachelor's degree in arts or science.
Doctor of philosophy (PhD)

Secretarial studies
Bachelor of secretarial studies (BSecSt) One hundred and thirty-eight credit hours required for the degree.

Special programs
Specialized programs are available in Atlantic Studies, bio-psychology, linguistics, theatre production, language certification, as well as several programs involving a year's study in Europe or the USA.

Continuing education
Undergraduate and a few graduate courses in administration, computer science, education, nursing and science are offered during the winter evening session for part-time students on campus as well as at 12-15 off-campus community locations throughout the Province. Additional academic sessions are offered during the May - August period, including Intersession (May - June), Spring/Summer Extended Session (May - July) and Summer Session (July - August). Degree-credit courses for certificates in administration (business and public) and proficiency in French are also offered to part-time students.

A broad range of non-degree courses and programs is available in such areas as creative/performing arts; occupational and professional development; business, industry and labour; programs for seniors, such as Elderhostel; and specialized courses in English as a Second Language.

Besides traditional classroom-based courses, a variety of distance education methods is employed to deliver both degree-credit and non-degree courses, including audio-taped courses for independent study through the Open Access Learning Program, audio-teleconferencing and cable television.

Admission Requirements

Undergraduate
New Brunswick: Grade 12 with six passes in approved subjects with no mark below a pass.

Other provinces: Nova Scotia and Prince Edward Island grade 12. Grade 12 Newfoundland with six passes. Quebec, high school leaving examination results for seven subjects and 65 per cent average (70 per cent for science and applied science) with no subject below a pass. Students who have completed at least one full year of CEGEP in Quebec, and who have met the admission requirements, may be eligible to receive credit for appropriate courses provided that the grade is at or above the class average. Ontario, grade 12 from five-year arts and science program only with 65 per cent average in six subjects and no subject below a pass. An applicant who has taken Ontario grade 13 may be considered for advance credit in appropriate courses (providing that the entrance requirements have already been met). Normally a mark of 65 per cent will be required in each subject for which credit is sought. In some subjects a higher grade may be required. Manitoba, Saskatchewan, Alberta, Northwest Territories and British Columbia, grade 12 with 65 per cent average in six subjects and no subject below a pass.

Mature students

Applicants who do not meet normal entrance requirements may be considered by admission committee. Applicant must normally be in work force two years prior to application. Consideration given to any applicant over the age of 21 but those between 21 and 24 years of age are normally expected to meet high school requirements for university entrance. More latitude allowed in considering those over 24 years of age who have been in work force for a number of years.

Senior citizens

Senior citizens, 65 years or older, are exempt from tuition fees, and are subject to admission requirements as per mature students.

Graduate

Minimum requirement, honours bachelor's degree or equivalent with cumulative grade point average of at least 3.0 from UNB or equivalent standing (i.e., upper second-class honours) from other approved university. Specific requirements concerning prerequisite courses or number of courses stated by department concerned. Admission to all programs is limited and competitive.

Foreign Students

Students whose mother tongue is not English must write either the University of Michigan English language test (minimum score 85), Test of English as a Foreign Language (minimum score 550) or the Cambridge English language test.

USA: Students must present complete high school record, principal's confidential report and CEEB scores. SAT minimum total of 1000 (two scores) and three achievement tests (English, mathematics and one other) minimum total of 1500.

UK and British Commonwealth: GCE O-level passes with minimum grade B, in English, mathematics and four academic options. Applicants with appropriate A-level subjects with minimum grade C may be granted credit for each subject.

Other: Applicants submitting an international baccalaureate are considered for admission on an individual basis.

Application Deadlines

Applications for undergraduate programs must be submitted by March 31. The school of graduate studies has no closing date for applications but March 1 is the deadline for fellowship applications.

Costs (1985-1986)

Tuition: Fees per year full-time undergraduate, all faculties, $1,400. Part-time undergraduate (less than 12 credit hours per term): $280 per term course (usually three credits). Visa student fee supplement, $1,700. Graduate fees: $1,845 for PhD program; $1,230 for master's program (each of which may be paid over two years), plus $125 per term.

Residence: Room and board, single $3,210; double $3,010; multiple $2,935; special $3,280.

Student fees: Miscellaneous compulsory, graduate and undergraduate, $40.

All fees subject to change without notice.

Academic Year

Winter session: early September to end of April. Summer session: early July to mid-August. Intersession (Fredericton campus): early May to mid-June. Spring Extension Session (Saint John campus): early May to end of June.

Grading System

Undergraduate: A, excellent; B, very good; C, satisfactory; D, minimum acceptable; F, fail. Minimum grade-point average for graduation, 2.00. Graduate school: minimum acceptable grade, B—; minimum cumulative grade point average of 3.0 required.

Student Aid

The undergraduate awards office is responsible for administering entrance and undergraduate scholarship programs, university loan funds and other forms of financial aid to students, as well as for providing, on request, guidance to students on financial matters. In the school of graduate studies and research, a research grants officer provides information on research grants and university fellowships.

Student Life and Services

There are elected student representative councils on each campus which organize and approve most non-academic student activities, including newspaper and an FM radio station. In addition to organizing major social events, the councils present student concerns and recommendations to the university administration. The student union building in Fredericton was built with funds raised by the students of UNB, St. Thomas University and the former Teachers' College, and matched by the university. The student union has its own board of directors of eight students and three persons appointed by the university. The graduate student association represents all students in the school of graduate studies and research. In addition to organizing social events, it presents the views of graduate students to the university and to the student representative council.

The Fredericton campus provides accommodation for approximately 1,500 students in 13 residences. There are approximately 580 beds in six men's residences, 430 beds in two women's residences and 490 beds in five co-ed residences. The University operates one apartment building which can accommodate 103 student families. The University maintains an off-campus housing office to assist students with finding suitable off-campus housing. There are no residences on the Saint John Campus, but Beaverbrook House, in Saint John, is a coeducational residence with accommodation for 21 students.

The health service has a full-time medical director and nursing staff, supported by two part-time staff physicians. This service is available to all students and to staff in emergencies. In Saint John, emergency medical services are provided by the Saint John Regional Hospital, which is adjacent to the campus. There is a student medical insurance plan.

A director of counselling and several staff members are available to students on the Fredericton campus. Personal and career counselling is available to individuals and groups. Career and human relations workshops are provided. The Counselling Centre has a career information library and a Native Student Advisor. The director of student services in Saint John is responsible for counselling.

An International Student Advisor is available to provide counselling and information to all non-Canadian students.

A Canada Employment Centre is maintained on each campus for the purpose of assisting students in obtaining permanent, summer and part-time employment, to provide employment counselling and labour market information for students, and to assist employers with their on-campus recruiting.

Other student services include a wide range of athletic activities, new student orientation program, undergraduate awards office, Campus Ministry, CUSO, creative arts programs (including resident artists and musicians), Housing and Food Service office, and a bank, bookstore and other commercial outlets on campus.

On the Fredericton campus, the Dean of Students acts as ombudsman for students on academic and other matters. For information concerning any student service, contact the Dean of Students Office - 453-4527. On the Saint John campus, contact the Director of Student Services - 648-5690.

Research Institutes

Bio-Engineering Institute. Director: R.N. Scott, BSc, DSc

Centre for Research in Engineering and Applied Science. Director: R.S. Stuart, BA, MA, PhD

Conflict Studies Centre. Director: M. Tugwell, PhD

Fire Science Centre. Director: R.W. Wein, BSA, MS, PhD

Associated Institution

St. Thomas University, Fredericton, New Brunswick. See separate entry.

Affiliated Institution

Maritime Forest Ranger School, Fredericton, New Brunswick E3B 6H6, telephone, (506) 458-0199. Interprovincial school for forest rangers affiliated to UNB. Provides one-year training course for men and women with some experience in forestry and certain training facilities for faculty of forestry at the university. Director: H.J. Torunski, BScF

Nova Scotia Agricultural College*

General Information

Address: Truro, Nova Scotia B2N 5E3
Telephone: (902) 895-1571
Telex: 111

Principal: H.F. MacRae BSc (Agr), MSc, PhD

For a complete list of Nova Scotia Agricultural College faculty, see the Nova Scotia Agricultural College calendar or the *Commonwealth Universities Yearbook*.

Enquiries, and high school liaison: Direct general correspondence to the Registrar, Victor Saxon, BSc, BEd, BEng, MBA

Enrolment (1985-1986):
Full-time undergraduate: 540
Part-time undergraduate: 23

Full-time faculty (1984-1985): 64

Total income (1984-1985): $9,102,000

	('000)	
General operating fund income		
Government grants	$ 7,121	78.2%
Fees	453	5.0%
Sub Total	$ 7,574	83.2%
Other funds income		
Ancillary enterprises	$ 1,164	12.8%
Sponsored research	364	4.0%
Sub Total	$ 1,528	16.8%
TOTAL	$ 9,102	100%

History and Governance

Nova Scotia Agricultural College was established by provincial legislation in 1905, and the first classes were offered in the same year. Until the mid-thirties, the names College of Agriculture and Nova Scotia Agricultural College were used interchangeably. In 1980, on its 75th Anniversary, NSAC received approval to offer the complete four years of the BSc(Agr) program.

The college has neither a board nor a senate. Control is vested in the Nova Scotia department of agriculture and marketing. The college is co-educational.

Buildings and Grounds

The college is located in Truro, Nova Scotia (population 15,000). On the 350-acre campus are an administration building, three combined laboratory and lecture-hall buildings, three student residences, a six-building animal science complex, a 430-seat theatre, an athletic centre, a dining and student union centre and a library.

Library

The library is a modern facility housing the college's collection of 15,000 volumes.

Programs and Degrees

For detailed information on programs, see **Degrees and Diplomas** chapter.

The college operates on a semester hour credit system. One half credit is usually equivalent to three lecture hours per week for one term.

Agriculture

Degree in agricultural science [BSc(Agr)] Four years from senior matriculation.

Diploma in agricultural engineering. Three years from senior matriculation.

Graduates of the agricultural engineering degree program usually proceed to further studies at Macdonald College (McGill University) or Technical University of Nova Scotia.

Technical programs

Technician diploma awarded to students taking a two-year technician course and completing appropriate in-service training. Technology diploma awarded to students taking third year after completing technician course or a two-year program after senior matriculation.

Admission Requirements

Undergraduate

Nova Scotia: Science degree program requires Nova Scotia grade 12 or equivalent with 60 per cent average and no mark below 50 per cent in English, mathematics, chemistry, physics or biology, and a fifth subject. Engineering degree program, same as for science except physics at the grade 12 level is mandatory.

Other provinces: For admissions to the science and engineering degree programs, the following academic standings are required. New Brunswick, Prince Edward Island, British Columbia, Alberta, Saskatchewan, Manitoba: grade 12. Ontario: grade 13. Quebec: CEGEP year one (science stream). Newfoundland: one year after grade 11. All applicants must meet the subject and average requirements outlined under Nova Scotia.

Technology

Nova Scotia: Chemistry or biology lab technology program and ornamental horticulture technology, require Nova Scotia grade 12 or equivalent with no mark below 60 per cent in English, mathematics, chemistry, and biology or satisfactory completion of first year technical animal or plant science. For agricultural technology, satisfactory completion of a two-year technician course. Farming technology requires successful completion of first year agricultural business, agricultural mechanization, animal science or plant science technician course.

Other provinces: Candidates seeking admission to the chemistry or biology laboratory technology programs and to the ornamental horticulture technology program must present the following certificates. New Brunswick, Prince Edward Island, Manitoba, Saskatchewan, Alberta, British Columbia: grade 12. Ontario: grade 13. Quebec: CEGEP year one (science stream). Newfoundland: one year in advance of grade 11. All applicants must meet the average and subject requirements listed under the Nova Scotia section. Admission requirements for the agricultural technology program and the farming technology program are the same as under the Nova Scotia section.

Technician program

Nova Scotia: Grade 12 or equivalent with standing in English, Grade 11 mathematics, one year of chemistry and one of biology.

Other provinces: Ontario: grade 13 English, grade 12 mathematics and one year of chemistry and one of biology. All other provinces are the same as for Nova Scotia.

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Mature students
There is no special admission policy for mature students. Applicants seeking admission to the degree, technology or technician programs must meet the requirements outlined in the sections above.

Foreign Students
For admission, certificates equivalent to standing required for Canadian students must be presented. Proof of English language proficiency is required - such as the Test of English as a foreign language (TOEFL) minimum score 600. For further information, contact the Registrar's Office.

Costs (1986-1987)

Full-time fees per year: university course, $1,120; technician and technology courses, $300 for students from Atlantic provinces, $1,120 for students from outside the Atlantic provinces. Visa students pay a $1,700 differential fee in addition to the regular tuition fees.

Residence: room and board $2,775 per year.

Miscellaneous fees: medical $15; caution and lab deposit, $45.

Student council and athletic fees: $75.50

All fees subject to change without notice.

Academic Year

Early September to early May.

Grading System

Numerical grades are assigned. The pass mark is 50 per cent. Honours diplomas are awarded to those with an average of 75 per cent and high honours to those with an average of 80 per cent.

Student Aid

Financial aid through the student aid offices at the appropriate Departments of the Provincial Governments is available for all eligible students admitted to the degree, Technician or Technology courses.

Scholarships varying in value from $250 to $1,000 per year are awarded on an academic basis and are available to degree course students. Technicians of high standing may also be awarded scholarships.

Student Life and Services

The United Students' Council, consisting of all full-time students, elects its own executive to look after student affairs and to promote the interests of students.

The Students' Council each year appoints a committee which directs the social activities of the college. The athletic program involves intramural athletics, inter-scholastic athletics as well as a program of physical education. Each year, the students organize a college winter fair, or "College Royal" as it is frequently called. The show is a competition in fitting and showmanship.

Fraser House, Trueman House and Chapman House provide living accommodation for approximately 540 students. Jenkins Hall is a dining facility.

Practically all students are covered by provincial hospital and medical plans. Infirmary facilities are available for both men and women. A small medical fee is charged.

Each new student has a faculty advisor and the advice of all faculty members is readily available.

The placement office provides employment service to all students. The office is staffed by one person on a full-time basis, as well as a Canada Employment Commission representative who serves in a part-time capacity two days per week.

Nova Scotia College of Art and Design*

General Information

Address: 5163 Duke Street, Halifax, Nova Scotia B3J 3J6
Telephone: (902) 422-7381

President: G.N. Kennedy, AOCA, BFA, MFA

For a complete list of Nova Scotia College of Art and Design faculty, see the college calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, S.D. Smith.

Director, admissions: Scott MacDougall

Enrolment (1985-1986):	
Full-time undergraduate:	507
Part-time undergraduate:	71
Full-time graduate:	13
Part-time graduate:	3

Full-time faculty (1985-1986): 42

Total income (1984-1985): $5,793,000

General operating fund income	('000)	
Government grants	$ 4,592	79.3%
Fees	833	14.4%
Miscellaneous	47	0.8%
Sub Total	$ 5,472	94.5%
Other funds income		
Ancillary enterprises	$ 303	5.2%
Special purpose and trust	18	0.3%
Sub Total	$ 321	5.5%
TOTAL	$ 5,793	100%

History and Governance

Nova Scotia College of Art and Design was established as the Victoria School of Art and Design in 1887 and renamed Nova Scotia College of Art in 1925. In 1969 the institution was renamed Nova Scotia College of Art and Design. It awarded its first bachelor's degree in 1970 and the first master's degree in 1975.

The college is a co-educational, independent institution of higher learning chartered by an act of the provincial legislature and receives its principal financial support from the province of Nova Scotia. The government of the college is vested in a 20-member board of governors.

Buildings and Grounds

In 1979, the college completed a move to a two-block area of restored historic buildings in downtown waterfront Halifax, a city with a population of 267,991. Halifax is the seaport capital of Nova Scotia and the metropolitan centre of Canada's maritime provinces.

The principal studio areas open to students in fine art include ceramics, jewelry, intermedia, painting, photography, printmaking, sculpture, and weaving. Students may take courses at Dalhousie University and at other universities in the city.

The Anna Leonowens Gallery, named for one of the founders of the college, and the famous teacher of the children of the King of Siam, presents a series of exhibitions that are open to the public throughout the year.

Library

The college library, a specialized collection in art and design, holds about 18,000 volumes. In addition, the college regularly receives about 220 periodicals and maintains a collection of 85,000 photographic slides of examples of works of art and design. Libraries at other universities in Halifax are also available to students of the college.

Programs and Degrees

Bachelor's degrees are four years in length (134 semester hour credits) unless otherwise specified.

Courses at the college are usually assigned a value of eight, four, or three semester hour credits. One semester hour credit normally represents three hours per week of course related work.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Art education

Bachelor of arts in art education (BA) Qualifies the student to receive the Nova Scotia Teacher's Certification.
Master of arts in art education (MA) Requires a year of full-time study, July through June, or three summer terms of seven weeks each and the two intervening years of part-time study. Offered for experienced elementary and secondary school teachers of art and art supervisors.

Design

Bachelor of design (BDes) Degrees are offered in either environmental planning or communication design.
Diploma in graphic design. [Associate of the Nova Scotia College of Art and Design (ANSCAD)] Three-year program.

Fine arts

Bachelor of fine arts (BFA) The foundation course, taken in the first semester, and five semester courses in art history are required. Remaining courses are elected by the student from those available at college and from courses available at other universities in the city.
Diploma in fine arts [Associate of Nova Scotia College of Art and Design (ANSCAD)] Four years of study entirely in studio and related courses.
Master of fine arts (MFA) Two-year program with emphasis on studio work for students interested in postsecondary teaching. Requires a thesis exhibition.

Special programs

Summer session: Summer semester runs for 14 weeks from May until August. Students who do not enrol in the entire program may select courses lasting one-half of the term beginning in May or July.

Off-campus study: a student may receive credit for programs of study undertaken while travelling or at a place away from the college if the programs offer advantages for the work the student is doing. A student proposing an off-campus program for credit will arrange a plan with faculty members subject to college approval and the approval of the appropriate faculty body.

Student exchanges: The East Coast Art Colleges' Student Exchange Program allows students to study for one semester at one of the following institutions: Cooper Union

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School of Art, Massachusetts College of Art, the Maryland Institute, Parsons School of Design, Philadelphia College of Art, Pratt Institute, School of the Museum of Fine Arts, Tyler School of Art, Otis Art Institute and Rhode Island School of Design.

Continuing education

Courses in art and design are offered for adults and children in Halifax and in other locations in the province.

Credit courses are not offered through the extension program but are available to those wishing to register for full-time or part-time study as special students.

Admission Requirements

Undergraduate

Canadian students: Admission is based on evidence of reasonable maturity, interest in the program, and the ability to benefit from college programs. Nova Scotia applicants seeking admission from high school must have completed grade 12 high school. Students from other provinces must have completed the highest level of studies at the secondary level. Other candidates must present evidence of their interest, ability and maturity to qualify for admission. Transfer students from other institutions including those from liberal arts and other programs may receive advanced standing.

Senior citizens

Fees for senior citizens are assessed at 50% of the regular tuition fees.

Graduate

Applicants to the master of fine arts program must hold a bachelor of fine arts degree or its equivalent, and demonstrate competence in art and an interest in teaching at the postsecondary level.

Foreign Students

For complete information on entrance requirements, applicants should contact the Admissions Office. The college requires all students including foreign students to write the NSCAD English competence test.

Application Deadlines

Applications to undergraduate programs should be completed twelve weeks before the month in which the student plans to enter. Closing date for applicants to the MFA programs is March 20, for the MA program, the end of March.

Costs (1985-1986)

Tuition: Full-time (11 credits or more): $803 per semester, $1,606 per year. Part-time per credit: $80.30 per semester.

A differential fee of $717 per semester is charged to visa students.

Room and board: $1,600 per semester, $3,200 per year.

Student union fees: $22 per semester, $44 per year.

Other expenses: class supplies, $450 per semester, $900 per year; personal expenses, $350 per semester, $700 per year; local travel, $130 per semester, $260 per year.

All fees subject to change without notice.

Academic Year

Three semester terms: September to December; January to April; May to August. Undergraduate students may be admitted at the beginning of any term. Master of fine arts students are ordinarily admitted in September and students are admitted to the MA in art education program in July.

Grading System

Those courses which are satisfactorily completed are recorded for credit. Those not satisfactorily completed receive no credit. Letter grades are used for courses in art history and design. All grades are recorded on the student's permanent record.

Student Aid

Students may be granted financial aid by the college for educational expenses according to their need and the availability of funds, and subject to the following conditions: a) students requesting aid must use the resources of the Canada Student Loans Plan and applicable provincial bursary plans to the fullest extent; b) the college assesses a student's need for assistance according to the criteria used by the Canada Student Loans Plan; c) a reasonable portion of aid will be offered as remuneration for employment with the college and the remainder as remission of fees.

Assistance is also available to students through the William Donald Peters Memorial Fund, the Effie May Ross Scholarship Fund, and the MacKenzie Scholarship Fund.

Student Life and Services

The Student Union, through its elected council, places student representatives on the college's board of governors and committees. The student council also plans social, cultural and athletic activities and represents student needs and opinion in matters of official concern. The program of the union is financed by student union fees.

The college's program of extra-academic activities is supplemented through community activities and through cooperation and reciprocal arrangements with other universities located in Halifax.

The college does not provide residential accommodation; however, the student services office coordinates a housing and information service which helps students seeking accommodation.

Through the college health service, a physician visits the campus at specified times during the week to provide minor medical treatment, health counselling, and medical referrals. This service is offered to students at no cost.

The student counselling services office coordinates a number of services which are directed towards meeting the extra-academic needs of students at the college. These include personal, academic, financial aid, employment and foreign student counselling, provided by the director of student services and college counsellor. The student counselling office also sponsors a program for visitors who are not working in the visual arts, but who are active in contemporary fields of interest.

The Ontario Institute for Studies in Education*

General Information

Address: 252 Bloor Street West, Toronto, Ontario M5S 1V6
Telephone: (416) 923-6641
Telex: 06-217720

Director: Walter Pitman, BS, MA, Hon LLD

For a complete list of the Ontario Institute for Studies in Education faculty, see The Ontario Institute for Studies in Education calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct enquiries concerning graduate studies to the Assistant Director (Academic), M. Fullan, BA, MA, PhD Direct general enquiries to the public communications office.

Enrolment (1985-1986): Enrolment data added to University of Toronto.

Full-time faculty (1985-1986): 137

Total income (1984-1985): $26,148,000

General operating fund income	('000)	
Government grants	$ 19,986	76.4%
Fees	1,665	6.4%
Miscellaneous	665	2.5%
Sub Total	$ 22,316	85.3%
Other funds income		
Ancillary enterprises	$ 1,418	5.4%
Special purpose	21	0.1%
Sponsored research	2,393	9.2%
Sub Total	$ 3,832	14.7%
TOTAL	$ 26,148	100%

History and Governance

OISE was established in 1965 by a provincial act which brought into one organization the former departments of educational research and graduate studies of the University of Toronto's Ontario College of Education. In 1966, the Ontario Curriculum Institute became part of OISE. The Institute is both the graduate department of education in the University of Toronto's school of graduate studies and a research and field development institute in the field of education.

The Institute is organized into eight academic departments, each of which is concerned with conducting research in a particular field of education, and with the development of better educational methods and materials. A degree program in the field of higher education, and certificate programs in adult education, staff training and development, and school management are also offered. The Institute offers some sections of courses in the MEd program off-campus to make graduate study in education more readily available. The facilities of the Institute enable advanced graduate students to participate directly in research or development programs in their field of scholarly interest. The field development program, carried out largely through field centres serving various regions of the province, helps demonstrate and implement research findings and new curriculum materials, and assists local educators. Faculty and students may participate in the program, either through the centres or the departments of the Institute.

OISE is co-educational and under the control of a board of governors that reports to the provincial minister of education.

Buildings and Grounds

The Institute is housed in a 12 storey building in the centre of Toronto, the provincial capital. A range of computing facilities is available to meet the data processing needs of staff and students. These include programming consultation, a reference library and courses as well as access to the University of Toronto computing centre.

Libraries

The R.W.B. Jackson Library includes holdings representing all levels and specializations in education, and additional holdings representing related humanities and social sciences, especially psychology and sociology. Total holdings in all formats include 619,000 items. 4,400 active serials are maintained, including more than 1,900 journal titles. The collection is strongly multi-media in character, including films, audio-cassettes, video-tapes, computer discs and tapes and multi-media learning kits. A curriculum resource collection represents school curriculum materials primarily in English and French, and an extensive collection of curriculum guidelines is maintained. Complete holdings of the ERIC (U.S.) and ONTERIS (Ontario) information systems are maintained on fiche.

Special collections: A very comprehensive collection of Ontario school textbooks has been developed, for which a fiche catalogue has been prepared. The collection is strong in holdings representing the development of Canadian adult education.

A small special collection represents materials by and about the educator-activist Paulo Freire.

A working collection of standardized psychological and educational tests is maintained for Institute students.

Departmental resource holdings include a test collection (Educational Evaluation Centre); specialized holdings on women's interests and studies (Women's Resource Centre); modern languages and education; heritage languages (Modern Language Centre).

General orientation is provided to the Library's collection and services, including access to a colour videotape "Resources for Research". Guidance to special collections and services is also provided on request. A contract information service, RISE (Research Information Service for Education) is provided for extended information requests from the external community. On-line searching is provided from a broad range of data bases.

Central libraries of the University of Toronto are within fifteen minutes' walking distance of OISE. In addition, there are more than forty specialized libraries on the University campus. Through its affiliation with the University of Toronto, OISE faculty and students have access to campus collections, as do University of Toronto faculty and students to OISE Library. OISE library holdings appear in the University of Toronto Campus Union Catalogue, and holdings since 1978 appear in the University COM Catalogue.

Programs and Degrees

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

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For detailed information on programs, see **Degrees and Diplomas** chapter.

Education

Master of education (MEd) One regular academic session or two summer sessions depending on the length of the program an if pursued on a full-time basis. May be taken part-time but must be completed within six years from enrolment as MEd candidate. Admission based on four-year or three-year BA or equivalent with at least mid-second class standing in final year. Teacher certification would be helpful, and at least one year of relevant experience.

Master of arts (MA) One academic year plus thesis from closely related four-year BA or equivalent, two years from three-year BA or equivalent, or from four-year BA not closely related with at least mid-second class standing in final year. In some areas of specialization the program is always two academic years. One-third of a year advanced standing granted in a two-year program for teacher certification. A one-year program must be completed within five years. One year residence required in some specializations, but in some the MA can be pursued totally on a part-time basis.

Doctor of philosophy (PhD) At least two years residence beyond MA if continuing in same area of specialization. Must be completed within six years.

Doctor of education (EdD) University of Toronto MEd or MA in educational theory, or equivalent, with high standing. Minimum residence requirement one academic year full-time study. Applicants whose masters did not include thesis required to complete qualifying research paper.

Note: OISE graduate degrees in education do not carry certification for teaching in Ontario.

Continuing education

Courses scheduled after hours for part-time students during regular academic session. Summer session offers courses primarily for MEd; under certain circumstances MA, PhD and EdD students may also take summer courses for credit.

Admission Requirements

See graduate admission under the heading Admission requirements in the University of Toronto chapter.

Application Deadlines

Final date for receipt of application for admission forms and applications for graduate assistantships is February 1, 1986 for the 1986-1987 regular session; February 1, 1986 for new part-time students.

Costs (1986-1987)

Tuition: Full-time per year, $1,250. Foreign students, $6,367 per year.

Miscellaneous: Compulsory fees per year, $166.50

All fees subject to change without notice.

Academic Year

Winter session: mid-September to end of April. Summer session: early July to mid-August, with required pre-session reading and post-session papers.

Grading System

Grading system is as follows: A+, A, A—, B+, B, B—, or F.

Student Aid

OISE offers graduate scholarships and graduate assistantships to support programs of full-time study. The OISE Scholarships are awarded on the basis of academic merit. Candidates are nominated by OISE admissions committees. Deadline date for application for admission and consideration for the scholarship is February 1. Applications for graduate assistantships will be considered on the basis of the applicant's ability to assist in academic programs, departmental recruitment needs and seniority in the bargaining unit. Deadline date for application is February 1. For further information write to: Admissions, Office of Graduate Studies, OISE, 252 Bloor St. W., Toronto, Canada M5S 1V6. For information regarding provincial student loan plans see Student Aid in the University of Toronto chapter.

Student Life and Services

All OISE students, both full- and part-time, are members of the Graduate Students' Association. The objectives of the Association are: (a) to promote the welfare and interests of full-time, part-time, and special students at OISE; (b) to coordinate the governmental activities of students in the various departments and decision-making bodies of the Institute; (c) to initiate, sponsor, and promote athletic, cultural, and social events of interest to OISE students; and (d) to represent OISE students in matters of their interest: level of student funding, quality of programs, and improved student services.

Accommodation may be obtained for a limited number of students at the University of Toronto. The university's housing service will also assist students to find off-campus accommodation.

The facilities of the University of Toronto health services are available to faculty and to registered students of OISE. No special fee is required. The service includes first-aid, consultation with a physician, and psychiatric advice. It does not include dental care.

The University of Toronto International Student Centre offers services and facilities to overseas students. Inquiries regarding customs regulations, accommodation and medical and hospital insurance should be directed to the Centre.

Université d'Ottawa*

English version follows/Le texte anglais se trouve à la suite.

Renseignements généraux

Adresse: Ottawa (Ontario) K1N 6N5
Téléphone: (613) 564-3311
Télex: 0533338

Recteur et vice-chancelier: Antoine D'Iorio, MSc, PhD

Pour la liste complète des membres du corps professoral de l'Université d'Ottawa, prière de vous référer à l'annuaire de l'Université d'Ottawa ou au *Commonwealth Universities Yearbook.*

Demandes de renseignements: Prière d'adresser la correspondance générale au registraire, G.H. von Schoenberg, BS, DiplPA, MA

Coordonnateur de la liaison: Paul Giroux, BA, MA

Inscriptions (1985-1986):

1er cycle à temps plein:	11,686
1er cycle à temps partiel:	6,359
2e et 3e cycles à temps plein:	1,371
2e et 3e cycles à temps partiel:	1,349

Professeurs à temps plein (1985-1986): 1,015

Revenu total (1984-1985): $175,606,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 99,029	56.4%
Frais de scolarité	21,637	12.3%
Divers	4,175	2.4%
Total partiel	$124,841	71.1%
Revenus d'autres sources		
Entreprises auxiliaires	$ 5,174	2.9%
Fonds à destinations spéciales et fiducies	11,035	6.3%
Recherche commanditée	20,005	11.4%
Installations	14,551	8.3%
Total partiel	$ 50,765	28.9%
TOTAL	$175,606	100%

Historique et statuts

Le Collège de Bytown, future Université d'Ottawa, a été fondé en 1848 par les missionnaires Oblats de Marie-Immaculée. Érigée en corporation en 1849, l'institution a pris le nom de Collège d'Ottawa en 1861 et a été élevée au rang d'université en 1866 en vertu d'une loi du gouvernement d'Union. Elle est devenue université pontificale en 1889 en vertu d'un décret du pape Léon XIII. La charte civile remaniée a été sanctionnée par la législature d'Ontario en 1933 et la charte pontificale amendée a reçu une nouvelle approbation de Rome en 1934. Au mois de juillet 1965, les facultés de théologie et de droit canon ont été groupées pour former l'Université Saint-Paul, institution fédérée à la nouvelle Université d'Ottawa et représentée à son sénat.

L'Université d'Ottawa est une institution bilingue, mixte et privée, subventionnée par le gouvernement d'Ontario. L'administration de l'université relève d'un bureau des gouverneurs composé de 32 membres et d'un sénat.

Bâtiments et terrains

Le campus principal de l'Université occupe 83 acres au coeur d'Ottawa, dans le quartier de la Côte-de-Sable, et longe la rive est du Canal Rideau sur une distance d'un km. En 1982, les écoles de médecine et des sciences infirmières se sont installées dans le quartier d'Alta Vista, sur un campus satellite situé trois km au sud du campus principal. Les deux campus comprennent 19 édifices pour l'enseignement et quatre résidences d'étudiants. Les deux campus sont bien desservis par les transports en commun de la région. Le stationnement dans les parcs de stationnement de l'Université est par permis.

Bibliothèques

Les collections du réseau des bibliothèques comprennent 1,200,000 monographies, 13,600 titres de périodiques courants ainsi que 1,422,000 documents audiovisuels. Elles sont réparties entre quatre bibliothèques principales et trois centres de documentation. La bibliothèque Morisset (humanités et sciences sociales) contient la majeure partie de la collection. Elle est aussi le siège des services administratifs et des services techniques. La bibliothèque Vanier dessert la faculté des sciences et de génie, la bibliothèque des sciences de la santé la faculté des sciences de la santé, et la bibliothèque de droit la faculté de droit (droit commun et droit civil).

Programmes et grades

Les langues d'enseignement sont le français et l'anglais. Au niveau du baccalauréat général et du baccalauréat avec concentration, le cours est de trois ans après la 13e année, sauf indication du contraire. Au niveau du baccalauréat spécialisé, le cours est de quatre ans après la 13e année, sauf indication du contraire. Au niveau de la maîtrise, le cours est d'au moins un an après un baccalauréat spécialisé, sauf indication du contraire. Pour un doctorat, on exige au moins deux ans après la maîtrise, sauf indication du contraire.

On trouvera des détails sur les programmes au chapitre **Grades et diplômes.**

Administration

Certificat en administration des affaires. Programme à temps partiel (30 crédits).
Certificat en relations industrielles. Programme à temps partiel (30 crédits).
Certificat en administration publique. Programme à temps partiel (30 crédits).
Baccalauréat en administration (BAdm). Trois ans après la 13e année.
Baccalauréat spécialisé en sciences commerciales (BCom)
Baccalauréat spécialisé en sciences de la gestion (Spécialisation en recherches opérationnelles) (BScGest)
Baccalauréat spécialisé en administration publique (BAdmPub)
Maîtrise en administration des affaires (MBA) Deux ans après le baccalauréat.
Maîtrise en administration des affaires/Licence en droit (MBA/LLL) Programme combiné. Quatre ans après le baccalauréat.
Maîtrise en gestion des services de santé (MGSS) Deux ans après le baccalauréat.

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* Membre ordinaire de l'AUCC

Arts
Certificat en rédaction française et anglaise Programme à temps partiel (30 crédits).
Baccalauréat ès arts (BA) Général, concentration, spécialisation.
Baccalauréat en arts visuels (BAV) Programme de quatre ans.
Bacccalauréat en musique (BMus) Programme de quatre ans.
Maîtrise ès arts (MA)
Doctorat en philosophie (PhD)

Common Law
Bachelor of laws (LLB) Programme en français. Trois ans après le BA ou un diplôme jugé équivalent.

Coopération internationale
Diplôme en coopération internationale. Programme d'une durée minimale d'un an et demi à temps complet. Le programme peut également être suivi à temps partiel.

Droit civil
Certificat général en droit. Programme à temps partiel (30 crédits).
Licence en droit (LLL) Trois ans après le BA ou un diplôme jugé équivalent.
Licence en droit/Maîtrise en administration des affaires. Voir Administration.
Diplôme de droit notarial (DiplDN) Programme d'un an après la LLL.
Bachelor of laws/Licence en droit (LLB/LLL) Programme spécial. Trente-six crédits environ après l'obtention, avec d'excellentes notes, du diplôme LLB. Programme contingenté. Pour tout renseignement, prière de s'adresser au service du registraire, admission.
Diplôme d'études spécialisées en droit (DiplESD) Programme d'un an après la LLL.
Diplôme de rédaction législative Programme d'un an après la LLL.
Maîtrise en droit (LLM)
Doctorat en droit (LLD) Au moins quatre trimestres à temps complet ou l'équivalent à temps partiel après la maîtrise en droit. Thèse.

Droit canonique
Les cours s'offrent à l'Université Saint-Paul. Voir chapitre correspondant.

Éducation
Baccalauréat en éducation (BEd) Un an après un baccalauréat. Les études du BEd constituent l'année propédeutique de la maîtrise en éducation.
Maîtrise en éducation (MEd) Deux ans après un baccalauréat ou un an après le BEd. Sans thèse.
Maîtrise ès arts en éducation [MA(Ed)] Deux ans après un baccalauréat ou un an après le BEd. Thèse.
Doctorat en éducation (PhD) Au moins deux ans après la maîtrise ès arts en éducation ou l'équivalent.

Génie
Baccalauréat ès sciences appliquées (BScA) Grade professionnel. Programme de quatre ans
Programme de gestion pour ingénieurs (BScA)
Grade professionnel. Programme de cinq ans.
Maîtrise en génie (MEng) Sans thèse.
Maîtrise ès sciences appliquées (MScA) Thèse.
Doctorat en philosophie (PhD)

Sciences
Baccalauréat ès sciences (BSc) Général, concentration, spécialisation
Maîtrise ès sciences (MSc)
Doctorat en philosophie (PhD)

Sciences de la santé
Médecine
Baccalauréat en sciences médicales (BScMed) A l'intention des étudiants en médecine. Deux étés.
Baccalauréat ès sciences en ergothérapie (BSc) Programme de quatre ans.
Baccalauréat ès sciences en physiothérapie (BSc) Programme de quatre ans.
Doctorat en médecine (MD) Programme de quatre ans après le BSc ou l'équivalent. Détails dans l'annuaire de l'université.
Diplôme d'études supérieures en psychiatrie. Deux ans après le MD.
Maîtrise ès sciences (MSc)
Doctorat en philosophie (PhD) Deux ou trois ans après la MSc. Trois ou quatre ans après le BSc spécialisé ou le MD.

Sciences de l'activité physique
Baccalauréat en éducation physique (BEP) Programme de quatre ans.
Baccalauréat ès sciences en kinanthropologie [BSc(Kin)]
Maîtrise en éducation physique [MEP(Admin)]
Maîtrise ès sciences en kinanthropologie [MSc(Kin)]

Sciences infirmières
Baccalauréat ès sciences infirmières (BScInf) Programme de quatre ans. Programme de trois ans pour les infirmières autorisées.

Sciences missionnaires
Les cours s'offrent à l'Université Saint-Paul. Voir chapitre correspondant.

Sciences pastorales
Les cours s'offrent à l'Université Saint-Paul. Voir chapitre correspondant.

Sciences sociales
Certificat en criminologie. Trente-trois crédits.
Certificat en gestion des ressources récréatives. Trente-trois crédits.
Certificat en loisir communautaire. Trente-trois crédits.
Baccalauréat ès arts (BA) en psychologie. Concentration; spécialisation.
Baccalauréat en sciences sociales (BScSoc) Concentration; spécialisation.
Maîtrise ès arts (MA)
Maîtrise en criminologie (appliquée) (MCA) Deux ans après le baccalauréat spécialisé.
Maîtrise en psychologie (MPs) Deux ans après le BA avec spécialisation en psychologie.
Doctorat en philosophie (PhD) en psychologie. Quatre ans après le BA avec spécialisation en psychologie ou l'équivalent.
Doctorat en philosophie (PhD) en science économique. Programme conjoint avec Carleton University.

Théologie
Les cours s'offrent à l'Université Saint-Paul. Voir chapitre correspondant.

Programmes spéciaux
Programmes d'enseignement en alternance en adminis-

tration, génie, informatique et mathématiques.
Programmes interdisciplinaires au niveau du baccalauréat en études canadiennes, études médiévales, études des femmes et en management et politique publics.

Des cours du soir et d'été au niveau du baccalauréat sont offerts à l'université et aux centres extérieurs de Cornwall, Hawkesbury et Pembroke. Pour renseignements, s'adresser au Service du registraire (564-3923). Au niveau des études supérieures, s'adresser à l'École des études supérieures (564-5804). Pour les cours par téléconférence, par correspondance ou télédiffusés, s'adresser au Service de l'éducation permanente (564-4263).

Le Service de l'éducation permanente offre une variété d'activités touchant les arts, les sciences et les humanités. Ces activités, de durée et de format variables, n'exigent pas de préalables. Pour renseignements, s'adresser au Service (564-4263).

Pour certification professionnelle
Cours conduisant à la certification telle CA., CGA, RIA, de certaines associations professionnelles. Pour renseignements, s'adresser à la Faculté d'administration (564-4906).

Conditions d'admission

Les conditions d'admission ci-après indiquées sont les conditions générales de l'Université. Pour être admis à un programme en particulier, il faut, en plus, rencontrer les conditions particulières d'admission de la faculté ou de l'école qui offre le programme en question. Ces conditions paraissent dans l'annuaire de la faculté. Puisque le nombre des demandes d'admission peut dépasser le nombre de places disponibles dans certains programmes, l'Université peut se voir obligée de limiter les offres d'admission aux candidats les mieux qualifiés.

Année pré-sciences
Ontario: 12e année d'Ontario ou l'équivalent. En sciences et en génie, moyenne générale de 65 p. 100 et une moyenne de 65 p. 100 en sciences et en mathématiques. Au moins six crédits de la 12e année approuvés par le ministère de l'Éducation d'Ontario, dont un crédit en français, un crédit en mathématiques, physique 300, chimie 400 et trois autres sujets.

Baccalauréat
Admission à la première année (à l'exclusion de médecine, droit et éducation).

Ontario: Les candidats de la 13e année doivent avoir réussi six crédits de la 13e année reconnus par le Ministère de l'Éducation, avec une moyenne générale finale d'au moins 60 p. 100. (Beaucoup de programmes exigent une moyenne générale plus élevée). Un maximum de vingt-cinq étudiants de la 12e années sont admissibles en première année de certains programmes. Les candidats doivent avoir réussi six crédits de la 12e année reconnus par le Ministère de l'Éducation, dont un crédit en français et avoir une moyenne générale finale d'au moins 85 p. 100.

Conditions d'admission aux termes d'EOCIS (Les écoles de l'Ontario aux cycles intermédiaire et supérieur): 1) Les étudiants des écoles secondaires de l'Ontario qui font une demande d'admission à l'Université d'Ottawa en 1986 doivent détenir le Diplôme d'études secondaires de l'Ontario (DESO), lequel doit inclure un minimum de six cours préuniversitaires de l'Ontario (CPO). Les moyennes requises seront comparables à celles qu'on exige des candidats de 13e année (voir note 3). On s'attend à ce que dans la majorité des cas, les nouveaux crédits CPO soient considérés pour fins d'admission comme équivalents aux cours requis présentement pour la 13e année. L'Université établira les préalables des CPO additionnels à mesure qu'ils seront introduits. 2) Pendant la période de transition, le diplôme d'études supérieures d'école secondaire de l'Ontario (DESESO) et le diplôme d'études secondaires de l'Ontario (DESO) (avec les minimums requis sus-mentionnés) seront normalement considérés comme équivalents pour fins d'admission. 3) la décision d'admission ne tiendra pas compte du temps qu'un étudiant a pris pour obtenir son diplôme d'études secondaires de l'Ontario. (Les candidats qui pensent s'inscrire en janvier doivent noter que le choix de programmes et de cours est limité pendant la session d'hiver.) 4) On encourage tout étudiant qui a l'intention de poursuivre des études universitaires à varier, autant que possible, son choix de cours au secondaire tout en rencontrant les critères d'admission spécifiques au programme qui l'intéresse.

Québec: Les candidats des cegep doivent avoir réussi douze cours de formation générale (cegep I d'un programme général ou l'équivalent pour un programme de cegep professionnel), avec une moyenne générale finale d'au moins 65 p. 100. Les candidats ayant réussi plus que douze cours de formation générale au cegep peuvent obtenir des équivalences s'ils satisfont à certaines conditions. Pour les connaître, consulter la publication annuelle ***Conditions d'admission, Québec.*** Un maximum de vingt-cinq étudiants du Secondaire V sont admissibles en première année de certains programmes. Les candidats doivent avoir réussi un minimum de cinq cours du Secondaire V, dont au moins trois cours enrichis parmi chimie, anglais, français, mathématiques et physique, et avoir une moyenne générale finale d'au moins 85 p. 100.

Autres provinces: Les candidats doivent avoir réussi un programme d'études jugé équivalent à la 13e année de l'Ontario. Les niveaux scolaires reconnus comme tels sont: Alberta, Île-du-Prince-Édouard, Manitoba, Nouveau-Brunswick, Nouvelle-Écosse, Saskatchewan et Terre-Neuve: 12e année; Colombie-Britannique: 12e année (C de moyenne), douze cours de 11e et 12e années avec quatre cours de cote 12.

Baccalauréat international: Les détenteurs d'un baccalauréat international peuvent faire leurs demandes en démontrant qu'ils possèdent six matières dont au moins trois de niveau avancé et si le total de leurs notes est égal ou supérieur à 24. Des équivalences peuvent être accordées aux candidats dont le total des notes est égal ou supérieur à 30 et seulement pour les matières de niveau avancé. La répartition des matières présentées doit correspondre aux exigences de la faculté, telles qu'indiquées pour les candidats de la 13e année.

Candidats venant d'autres universités
Les candidats d'autres universités sont admissibles à condition que leur dossier scolaire rencontre les exigences d'admission et de promotion de l'Université et que leur dossier démontre qu'ils sont réadmissibles, sans condition, à l'université qu'ils fréquentaient. Le comité d'admission pertinent détermine les équivalences, s'il y a lieu, conformément aux règlements à cet effet.

Étudiants adultes
Les candidats dont le dossier scolaire ne satisfait pas aux conditions établies peuvent être admis comme étudiants réguliers aux conditions suivantes: a) être citoyens canadiens ou domiciliés au Canada en permanence; b) être âgés de 21 ans au 31 décembre de l'année de leur de-

mande d'admission; c) ne pas avoir fait d'études à temps complet depuis deux ans; d) offrir, de l'avis du comité d'admission, des garanties de succès scolaire; e) satisfaire aux exigences particulières de la faculté concernée. Les candidats adultes doivent présenter un certificat de naissance, un relevé de notes, deux lettres de recommandation et toute autre pièce justificative dont le comité d'admission peut avoir besoin.

Grades supérieurs

Baccalauréat spécialisé ou l'équivalent, avec au moins une mention B pour être admis directement au programme de maîtrise dans le même domaine d'études. Les étudiants qui ont obtenu un baccalauréat général avec au moins une mention B sont admissibles à l'année préparatoire ou propédeutique. Pour être admis au programme du doctorat, il faut avoir une maîtrise ou l'équivalent, avec une mention bien + .

Étudiants étrangers

La scolarité de tout candidat à un programme de premier cycle doit correspondre au niveau exigé des étudiants de l' Ontario pour fin d'admissibilité. En plus des conditions générales d'admission, chaque faculté établit ses propres conditions d'admission, en fonction du programme auquel le candidat fait sa demande. Chaque candidat doit maîtriser adéquatement l'anglais ou le français. Les candidats dont la langue maternelle ou la langue d'instruction est autre que l'anglais ou le français doivent soumettre les résultats de l'un des tests de langue suivants: Anglais, The University of Michigan English Proficiency Test. The Certificate of Proficiency in English émis par l'Université de Cambridge, le test TOEFL (Test of English as a Foreign Language); Français, le test de français langue seconde est offert par l'Université d'Ottawa. Pour obtenir des renseignements concernant les conditions d'admission selon le pays d'origine et le programme ainsi que sur les exigences de langue, on voudra bien consulter la brochure Candidats étrangers publiée par l'université.

Pour être admis aux études supérieures, les candidats doivent satisfaire aux exigences minimales décrites ci-haut, ainsi qu'aux exigences supplémentaires des départements s'il y a lieu. Les candidats dont la langue maternelle n'est ni le français ni l'anglais doivent fournir une preuve de compétence dans la langue d'enseignement. Voir l'annuaire de l'école des études supérieures.

L'université recommande fortement aux candidats de pays étrangers de soumettre leur demande de "Permis de séjour pour étudiants" au même moment que leur demande d'admission à l'université. Les demandes de permis peuvent être faites aux bureaux d'un haut-commissariat canadien, d'une ambassade, d'un consulat ou d'un agent consulaire.

Demandes et délais

Les délais fixés pour l'envoi des demandes d'admission dépendent de la discipline dont il s'agit. Prière de consulter l'annuaire de la faculté en question ou la publication annuelle *Conditions d'admission*. L'admission à l'École des études supérieures doit être approuvée un mois avant le début du trimestre. La date limite de réception des demandes hors Canada et hors États-Unis: 1er avril.

Frais (1986-1987)

Les droits de scolarité et les frais accessoires: Études à plein temps au 1er cycle: génie, $1,524; médecine, $1,770; pré-sciences, $2,456; tous les autres programmes, $1,426, pour les étudiants canadiens. Pour les étudiants étrangers inscrits après septembre 1982, les frais sont: génie et pré-sciences, $7,932; tous les autres programmes, $4,930. Études à temps partiel du 1er cycle: $42.12 par crédit pour les Canadiens; $158.93 par crédit pour les étrangers; les frais accessoires sont en sus.

Études supérieures à plein temps: 1er et 2e trimestres $638 chacun, et 3e trimestre consécutif $338 pour les Canadiens. Pour les étudiants étrangers, 1er et 2e trimestres $2,914 chacun, et 3e trimestre consécutif, $2,614. Études supérieures à temps partiel: $191 par crédit pour les Canadiens; $874 par crédit pour les étrangers; les frais accessoires sont en sus. Les citoyens canadiens âgés de 60 ans ou plus sont exemptés des frais universitaires et accessoires, s'ils sont inscrits à des cours réguliers.

Résidence: $1,462 (sept.-avril, sans pension) pour une chambre simple et $1,243 par personne pour une chambre double. La cafétéria de l'Université offre des plans de repas.

Année universitaire

Baccalauréat: session régulière, de la mi-septembre à la fin d'avril; session été-soir, début mai à la fin juin et de la fin juin à la mi-août; session été-jour, début juillet à la mi-août. Études supérieures: trois sessions, de septembre à décembre; de janvier à avril; de mai à août.

Système de notation

Au niveau du baccalauréat: A + , 10(90-100 p. 100); A, 9(85-89 p. 100); A—, 8(80-84 p. 100); B + , 7(75-79 p. 100); B, 6(70-74 p. 100); C + , 5(66-69 p. 100); C, 4(60-65 p. 100); D + , 3(55-59 p. 100); D, 2(50-54 p. 100); E, 1(40-49 p. 100) échec avec droit de reprise; F, 0(0-39 p. 100), échec sans droit de reprise. Au niveau des études supérieures: A + , 8(80-84 p. 100); A, 9 (85-89 p. 100); A—, 8 (80-84 p. 100); B + , 7(75-79 p. 100); B, 6(70-74 p. 100); C + , 5(66-69 p. 100); échec, moins de 66 p. 100.

Aide aux étudiants

Le Service de l'aide financière administre la majeure partie des régimes d'aide pour les étudiants de 1er cycle et des régimes d'aide provinciaux de prêts/bourses pour ceux des 2e et 3e cycles. Ce service renseigne sa clientèle actuelle et potentielle sur les programmes gouvernementaux tels les régimes d'aide financière de l'Ontario et de prêts/bourses du Québec et les bourses de bilinguisme; les programmes universitaires tels les bourses d'excellence, les exemptions de frais de scolarité et le régime des prêts de dépannage; les programmes privés tels les bourses de compagnies et de particuliers. En plus, le Service aide les étudiants à planifier leur budget et dispense des renseignements ayant trait à la consommation. Téléphone: 564-2484.

Vie étudiante et services aux étudiants

La Fédération des étudiants de l'Université d'Ottawa groupe les associations qui sont au service des étudiants de l'université dans diverses facultés. Les présidents de ces associations forment le Conseil étudiant qui représente l'organisme législatif central des étudiants. Le président de la fédération, le commissaire à la représentation, le commissaire aux services ainsi que le commissaire aux finances sont élus par l'ensemble des étudiants et travaillent de concert avec le conseil à coordonner les activités de toutes les facultés, dans l'intérêt général des étudiants; seul le Conseil étudiant est autorisé à parler au nom de tous les étudiants de l'université.

Les étudiants ont leurs représentants au bureau des gouverneurs et au sénat de l'Université.

La Fédération des étudiants organise des activités, notamment un programme d'orientation à l'intention des nouveaux venus, une coopérative étudiante sur le marché au détail, le Pub, trois journaux bimensuels, la radio-campus, un service de renseignements par téléphone, un studio de photographie et des voyages à rabais pour les étudiants.

Des services aux étudiants sont offerts à l'université et sont administrés par le directeur général des Services aux étudiants, avec la participation des étudiants, des associations professionnelles sur le campus et des facultés, écoles et services administratifs de l'université. Il y a huit services: aide financière; centre universitaire; counselling; logement; pastorale; placement; santé; sports.

Seuls les étudiants à plein temps peuvent loger à l'université. La résidence Leblanc peut loger 109 étudiants; la résidence Marchand, 343; la résidence Stanton, 357 et la résidence Thompson, 459. L'université planifie actuellement un projet de construction d'appartements pour ses étudiants, dont l'ouverture est prévue pour septembre 1987. Le Service du logement tient un registre des endroits hors campus où peuvent loger les étudiants, depuis les chambres meublées, avec ou sans pension, jusqu'aux appartements meublés.

Le Centre universitaire, situé au coeur du campus principal, offre à la communauté universitaire une salle de spectacles, une cafétéria, une salle à manger, deux bars, des salles de réunion, de dactylographie, de télévision, de jeux et de musique. S'y trouvent aussi la librairie universitaire, les bureaux et les boutiques de la Fédération des étudiants et les bureaux de divers services aux étudiants.

Le Service des sports offre aux étudiants cinq programmes récréatifs: interuniversitaire, intramuros, clubs sportifs, participation libre, cours et initiation. Les installations sportives comprennent une piscine, trois gymnases, une salle de musculation, une salle pour les sports de combat, des courts de squash et de racquetball.

Le Service de santé offre des soins médicaux par une équipe de généralistes ou médecins de famille et des infirmières autorisées. Les règlements de l'Université exigent que chaque étudiant soit protégé par une assurance maladie et une assurance hospitalisation.

Le Service de counselling de l'université offre tout un éventail de programmes individuels et collectifs dans les domaines suivants: information et orientation scolaires et professionnelles; counselling personnel, marital et prémarital, séminaires sur les méthodes d'études, croissance personnelle, résolution créative de problèmes, entraînement à l'affirmation de soi.

Le Service de placement, qui est un centre d'emploi du Canada pour étudiants, fournit aux finissants des renseignements pertinents concernant l'emploi permanent et aide les étudiants à obtenir un emploi saisonnier ou un emploi à temps partiel au cours de l'année universitaire.

Le conseiller des étudiants étrangers du Service de l'aide financière accueille les étudiants étrangers, leur donne conseils et renseignements et les aide à accomplir les nombreuses formalités universitaires et gouvernementales prescrites. Téléphone: 564-5057.

Les services aux handicapés sont coordonnés par l'adjoint au directeur général des Services aux étudiants. Téléphone: 564-5054.

Organismes et centres de recherche

Centre de recherche en civilisation canadienne-française. Directeur: P. Savard, BA, BPh, LèsL, DLett, FRSCan

Centre de recherche et d'enseignement sur les droits de la personne. Directeur: E. Ratushny, BA, LLB, LLM, SJD

Institut de développement international et de coopération. Directeur: G. Hénault, MBA, DScEcon, Drd'État

Les centres et instituts qui suivent ont été établis conjointement par l'Université d'Ottawa et Carleton University afin de combiner leurs travaux de recherche.

Centre d'études géoscientifiques d'Ottawa-Carleton. Directeur: Owen A. Dixon, MA, PhD

Centre d'études supérieures et de recherches en biologie d'Ottawa-Carleton. Directeur: David L. Brown, BSc, MSc, PhD

Institut de génie civil d'Ottawa-Carleton. Directeur: Gunther E. Bauer, BASc, MASc, PhD

Institut de génie électrique d'Ottawa-Carleton. Directeur: Stanislaw Stuchly, MEng, DSc

Institut de génie mécanique et aéronautique d'Ottawa-Carleton. Directeur: Yung Lee, MEng, PhD

Institut de chimie d'Ottawa-Carleton. Directeur: Tony Durst, BSc, PhD

Institut d'études supérieures et de recherches en mathématiques et statistique d'Ottawa-Carleton. Directeur: John D. Dixon, MA, PhD

Centre d'études avancées et de recherches en physique d'Ottawa-Carleton. Directeur: Richard J.W. Hodgson, BSc, PhD

Université fédérée

Université Saint-Paul. Voir chapitre correspondant.

University of Ottawa*

General Information

Address: Ottawa, Ontario K1N 6N5
Telephone: (613) 564-3311
Telex: 0533338

Rector and Vice-chancellor: Antoine D'Iorio, MSc, PhD

For a complete list of University of Ottawa faculty, see the University of Ottawa calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, G.H. von Schoenberg, BS, DiplPA, MA

Co-ordinator of liaison: Paul Giroux, BA, MA

Enrolment (1985-1986):

Full-time undergraduate:	11,686
Part-time undergraduate:	6,359
Full-time graduate:	1,371
Part-time graduate:	1,349

Full-time faculty (1983-1984): 1,015

Total income (1984-1985): $175,606,000

General operating fund income	('000)	
Government grants	$ 99,029	56.4%
Fees	21,637	12.3%
Miscellaneous	4,175	2.4%
Sub Total	$124,841	71.1%
Other funds income		
Ancillary enterprises	$ 5,174	2.9%
Special purpose and trust	11,035	6.3%
Sponsored research	20,005	11.4%
Plant	14,551	8.3%
Sub Total	$ 50,765	28.9%
TOTAL	$175,606	100%

History and Governance

The University of Ottawa was founded as the College of Bytown in 1848 by the Missionary Oblates of Mary Immaculate. Incorporated in 1849, it became the College of Ottawa in 1861 and was raised to the rank of university in 1866 by an act of the union government. In 1889 it became a pontifical university by decree of Pope Leo XIII. The revised civil charter was approved by the Ontario legislature in 1933 and the amended pontifical charter was given a new approval by Rome in 1934. In July 1965, the faculties of theology and canon law were grouped as Saint Paul University, federated to the new University of Ottawa, with representation in its senate.

The University of Ottawa is a bilingual, coeducational institution, subsidized by the government of Ontario. Control of the university is vested in a 32-member board of governors and a senate.

Buildings and Grounds

The university's main campus, which covers an area of 83 acres, is situated in the downtown Sandy Hill district of Ottawa and extends over a distance of one km along the east bank of the Rideau Canal. In 1982 the schools of medicine and nursing moved to a satellite campus in the Alta Vista district, about 3 km south of the main campus. There are now 19 teaching buildings and four student residences on two campuses. The regional transit system serves both campuses. Parking in university lots is by permit only.

Libraries

The library collection of 1,200,000 volumes, 13,600 periodical subscriptions and 1,422,000 audio-visual items is housed in four major units and three smaller, specialized collections. The largest of these is the Morisset library (humanities and social sciences), which also houses centralized administrative and technical services. The Vanier library serves the faculty of science and engineering; the health sciences library the faculty of health sciences; and the law library the faculty of law (common and civil).

Programs and Degrees

The languages of instruction are French and English. General bachelor's degrees and bachelor's degrees with a concentration require three years (90 credits) from senior matriculation unless otherwise specified. Honours bachelor's degrees require four years (120 credits) from senior matriculation unless otherwise specified. Master's degrees require at least one year from honours bachelor's degree unless otherwise specified. Doctorates require at least two years from master's degree unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Administration

Certificate in business administration. Part-time program (30 credits).
Certificate in labour-management relations. Part-time program (30 credits).
Certificate in public administration. Part-time program (30 credits).
Bachelor of administration (BAdm) Three years beyond senior matriculation.
Honours bachelor of commerce (BCom)
Honours bachelor of management science (major in operations research) (BMgtSc)
Honours bachelor of public administration (BPubAdm)
Master in business administration (MBA) Two years from bachelor's degree.
Master of business administration/Bachelor of laws (MBA/LLB) Combined program. Four years from bachelor's degree.
Master in health administration (MHA) Two years from bachelor's degree

Arts

Certificate in French and English writing skills. Part-time program (30 credits).
Bachelor of arts (BA) General; concentration; honours.
Bachelor of fine arts (BFA) Four-year program.
Bachelor of music (BMus) Four-year program.
Master of arts (MA)
Doctor of philosophy (PhD)

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*Ordinary member, AUCC

Canon law
Courses are offered at Saint Paul University. See separate entry.

Civil law
See droit civil (French text)

Education
Bachelor of education (BEd) One year from bachelor's degree. BEd program constitutes preparatory year of master's program.
Master of education (MEd) Two years from bachelor's degree or one year from BEd. No thesis.
Master of arts in education [MA(Ed)] Two years from bachelor's degree or one year from BEd. Thesis.
Doctor of philosophy (PhD) At least two years from MA(Ed) or equivalent.

Engineering
Bachelor of applied science (BASc) Professional degree. Four-year program.
Engineering management program (BASc). Professional degree. Five-year program.
Master of engineering (MEng) without thesis.
Master of applied science (MASc) with thesis.
Doctor of philosophy (PhD)

Health sciences
Human kinetics
Bachelor of physical education (BPE) Four-year program.
Bachelor of science in kinanthropology [BSc(Kin)]
Master of physical education [MPE(Admin)]
Master of science in kinanthropology [MSc(Kin)]

Medicine
Bachelor of medical science (BMedSc) For undergraduate medical students. Two summers.
Bachelor of science in occupational therapy (BSc) Four year program.
Bachelor of science in physical therapy (BSc) Four year program.
Doctor of medicine (MD) Four-year program after BSc or equivalent. See university calendar for details.
Diploma in postgraduate training in psychiatry. Two years after MD.
Master of science (MSc)
Doctor of philosophy (PhD) Two or three years from MSc. Three or four years from honours BSc or MD.

Nursing
Bachelor of science in nursing (BScN) Four-year program. Three years for registered nurses.

International cooperation
Diploma in international cooperation. Program requires at least one and a half years of full-time study. Also offered on a part-time basis.

Law
Bachelor of laws (LLB) Three years from approved degree or from two years of university studies.
Licence en droit/Bachelor of laws (LLL/LLB) Special program. Normally 36 credits after LLL graduation with excellent results. Limited enrolment. Direct enquiries to Office of the Registrar, Admissions section.
Bachelor of laws/Master of business administration. See Administration.
Diploma in legislative drafting. One year after LLB.
Diploma of specialized legal studies (DiplSLS) One year after LLB.
Master of laws (LLM)
Doctor of laws (LLD) At least four terms in full-time or the equivalent in part-time residence.

Mission studies
Courses are offered at Saint Paul University. See separate entry.

Pastoral Studies
Courses are offered at Saint Paul. See separate entry.

Science
Bachelor of science (BSc) General; concentration; honours.
Master of science (MSc)
Doctor of philosophy (PhD)

Social sciences
Certificate in criminology. 33 credits.
Certificate in community recreation. 33 credits.
Certificate in recreation resource management. 33 credits.
Bachelor of arts (BA) in psychology. Concentration; honours.
Bachelor of social sciences (BSocSc). Concentration; honours.
Master of arts (MA)
Master of criminology (applied) (MCA) Two years from honours BA.
Master of psychology (MPs) Two years after honours bachelor degree in psychology or equivalent.
Doctor of philosophy (PhD) in psychology. Four years from honours bachelor degree in psychology or equivalent.
Doctor of philosophy (PhD) in economics. Joint program with Carleton University.

Theology
Courses are offered at Saint Paul University. See separate entry.

Continuing education
Evening and summer courses at the undergraduate level are offered on campus and at the off-campus centres in Cornwall, Hawkesbury and Pembroke. Address enquiries to the Office of the Registrar (564-3923). At the graduate level, address enquiries to the School of Graduate Studies (564-5804). For courses by means of teleconference, correspondence and television, address enquiries to the Service for Continuing Education (564-4263).

Special education
Co-operative education programs in administration, computer science, engineering and mathematics. Undergraduate interdisciplinary programs in Canadian studies, mediaeval studies, women's studies and in management and in public policy and public management.

For professional certification
Courses leading to certification (C.G., C.G.A., R.I.A.) by other professional business associations. Address enquiries to the Faculty of Administration (564-4906).

Admission Requirements

The admission requirements published hereafter are the general requirements of the University. To be admitted to a particular program, applicants must also meet the particular additional requirements of the faculty or school that offers the program. The calendar of the faculty concerned should be consulted for this purpose. Whenever applications for admission exceed the number of places in a given program, the University may be forced to restrict offers of admission to only the best qualified applicants.

Pre-science year

Ontario: Grade 12 or equivalent required. Science and engineering, overall average of 65 per cent in science and mathematics. Minimum six grade 12 credits approved by Ontario Ministry of Education including one credit in English, one credit in mathematics, physics 300, chemistry 400 and three other subjects.

Undergraduate

Admission to first year (excluding Medicine, Law and Education)

Ontario: Applicants from grade 13 must have six grade 13 credits approved by the Ministry of Education, with an overall minimum average of 60 per cent on their final marks. (Significantly higher minimum averages are required for admission to many programs.) A maximum of twenty-five students from grade 12 may be admitted to the first year of some programs. Applicants must have six grade 12 credits approved by the Ministry of Education including one credit in English and have an overall average of 85 per cent on their final marks.

General requirements under OSIS (Ontario Schools Intermediate and Senior): 1) Ontario secondary school students seeking admission to University of Ottawa in 1986 or thereafter should present the Ontario Secondary School Diploma (OSSD) including a minimum of six Ontario Academic Courses (OAC's). The averages required will be comparable to those required from Grade 13 applicants (see note 3). It is expected in most cases that the new OAC credits will, for admissions purposes, be equated to the specific courses currently required at the Grade 13 level. With the full implementation of additional OAC's, the University will determine subject requirements accordingly. 2) In the transition period, the Ontario Secondary School Honours Graduation Diploma (OSSHGD) and the Ontario Secondary School Diploma (OSSD), with the minimum requirements mentioned above, will normally be given equal credit for admissions purposes. 3) The length of time taken by an applicant to complete the OSSD will not of itself be a determining factor in the admission decision. (Applicants contemplating admission in January should note that the selection of programs and courses is limited in the winter term.) 4) Students planning to attend university are encouraged to achieve as much breadth of preparation as possible in the courses of their secondary school studies leading to the OSSD while also meeting the specific admission requirements for the program to which they intend to apply.

Quebec: Applicants from CEGEP must have completed twelve academic courses (CEGEP I) of a general program or the equivalent in a professional CEGEP program) with a minimum overall average of 65 per cent. Applicants who have completed more than twelve CEGEP academic courses may receive advanced standing subject to certain conditions as set forth in the annual publication, ***Quebec Admission Requirements.*** A maximum of twenty-five students from Secondary V may be admitted to the first year of some programs. Applicants must have completed a minimum of five Secondary V courses, including at least three enriched level courses from chemistry, English, French, mathematics and physics, and have a minimum overall final average of 85 per cent.

Other provinces: Applicants must have completed a course of studies considered equivalent to Ontario Grade 13. The following levels of academic achievement are so considered: Alberta, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Prince Edward Island and Saskatchewan: grade 12; British Columbia: grade 12 (C average); twelve courses of grades 11 and 12 with four courses numbered 12.

International baccalaureate: Holders of an international baccalaureate may apply for admission to first year provided they have passed in at least six subjects of which at least three are at the higher level and provided their grade total is equal to or higher than 24. Advanced standing may be granted. Subject matter distribution must meet faculty requirements as indicated for Grade 13 applicants.

Transfer students

Students from other universities are admissible if they meet the admission and promotion requirements of the University and if they submit evidence that they are eligible for readmission without condition at the university they were attending. The appropriate admissions committee determines the advanced standing to be granted, where applicable, subject to the regulations on advanced standing.

Mature students

Applicants whose academic records do not meet published requirements may be admitted as regular students provided that they a) are Canadian citizens or permanent residents; b) are 21 years of age on December 31 of year of application; c) have not been engaged in full-time studies during past two years; d) are considered, by appropriate committee on admissions, to hold promise of academic success; e) meet the particular requirements of the faculty to which they apply. Mature applicants must submit birth certificate, academic transcript, two letters of recommendation and other documents as may be required by the committee on admissions.

Senior citizens

Senior citizens, 60 years and over, are not required to pay tuition fees, and may apply either as regular or mature students.

Graduate

Honours bachelor's degree or equivalent with at least B standing will be admitted directly to master's degree program in same field of study. Students holding general bachelor's degree with at least B standing admissible to preparatory or make-up year. Admission to doctoral program requires master's degree or equivalent with high second-class standing.

Foreign students

Applicants for admission to an undergraduate program must hold standing equivalent to that which Ontario students must meet. In addition to the general admission requirements, each faculty sets particular requirements in function of the program to which a candidate seeks admission. As well, each candidate must demonstrate proficiency in either English or French. Applicants whose first language or language of instruction is neither English nor French must submit results showing success in one of the following language tests: English, The University of Michigan English Proficiency Test, (minimum score: science and engineering 85; other programs 90). The Test of English as a Foreign Language (TOEFL), (minimum score: science and engineering 550; other programs

580-600); French, the test of French as a Second Language is offered through University of Ottawa (candidates are assessed individually). For information on admission requirements by country of origin and by program as well as on language requirements, consult booklet Foreign Candidates, published by the university.

Applicants for admission to a graduate program must meet the general requirements outlined above and the particular requirements of individual disciplines. Students whose mother tongue is neither French nor English will be required to demonstrate proficiency in the language of instruction. For detailed information, consult the graduate studies calendar.

The university strongly recommends that candidates from outside Canada begin the process of applying for their student authorization at the same time they apply to the university. Authorization applications are made through the nearest Canadian High Commission, embassy, consulate or consular agent.

Application Deadlines

Closing dates for receipt of applications for admission depend on discipline concerned. Consult the calendar of the faculty concerned or the annual publication, ***Admission Requirements.*** Admission to school of graduate studies must be approved one month before term begins. Deadline for receipt of applications from outside Canada and the United States: April 1st.

Costs (1986-1987)

Full-time undergraduate: engineering, $1,534; medicine, $1,770; pre-science, $2,456; all other programs, $1,426, for Canadian students. For foreign students registered after September 1982: engineering and pre-science; $7,932; all other programs, $4,930. Part-time undergraduate: $42.12 per credit for Canadians: $158.93 per credit for foreign students; plus incidental fees. Full-time graduate: 1st and 2nd trimesters, $638 each, and 3rd consecutive trimester, $338, for Canadian students. For foreign students, 1st and 2nd trimesters, $2,914 each, and 3rd consecutive trimester, $2,614. Part-time graduate: $191 per session for Canadians; $874 per session for foreign students; plus incidental fees. Senior Canadian citizens 60 years of age or over: university and incidental fees are waived for senior citizens who register for regular courses.

Residence; $1,462 (September - April, without board) for a single room and $1,243 per person for a double room. Meal plans are available at the University cafeteria.

Academic Year

Undergraduate: regular session, mid-September to end of April; summer evening session beginning of May to end of June and end of June to mid-August; summer day session beginning of July to mid-August. Graduate, three terms, September - December; January - April; May - August.

Grading System

At the undergraduate level: A+, 10 (90-100%); A, 9 (85-89%); A—, 8 (80-84%); B+. 7 (75-79%); B, 6 (70-74%); C+, 5 (66-69%); C, 4 (60-65%); D+, 3 (55-59%); D, 2 (50-54%); E, 1 (40-49%), failure with supplemental privileges; F, 0 (0-39%), failure without supplemental privileges. At the graduate level: A+, 10 (90-100%); A, 9, (85-89%); A—, 8 (80-84%); B+, 7 (75-79%); B, 6 (70-74%); C+, 5 (66-69%); failure, below 66%.

Student Aid

The Financial Aid Service administers most of the aid schemes available to undergraduate students as well as the provincial loan/bursary schemes for graduate students. This Service exists to inform its actual and potential users on: government programs such as the O.S.A.P. (Ontario students assistance program), bilingualism awards, the Quebec loan and bursary aid plan; University programs such as the scholarship plan, tuition fee exemptions, the short-term emergency loan fund; private programs such as company bursaries and scholarships, agency grant plans. As well, financial counselling is available to help students plan a budget and to promote sound consumer behaviour. Telephone: 564-2484.

Student Life and Services

The Students' Federation of the University of Ottawa is composed of the associations that serve the students of the university in various faculties. The presidents of these associations form the student council, the central legislative body of the students. The president of the federation, the commissioner of representation, the commissioner of services and the commissioner of finance are elected by the students as a whole and work with the council to coordinate the activities of all faculties for the general student good; only the student council can speak for all the students of the university. Student members sit on the Board of Governors and on the Senate of the University. The Students' Federation organizes activities which include an orientation program for incoming students, a student cooperative on the retail market, the Pub, three bi-monthly newspapers, radio campus, a telephone information service, a photography studio and student travel rates.

Student Services, grouped under the director-general of student services, are operated with the participation of students, professional associations on campus, university faculties, schools, and administrative services. There are eight such services: campus ministry; counselling; financial aid; health; housing; placement; sports; University centre.

Accommodation is limited to full-time students only. Leblanc Residence accommodates 109 students; Marchand Residence, 343; Stanton Residence, 357; and Thompson Residence, 459 students. The University is in the process of planning the construction of an apartment complex for its students. The project should be completed by September 1987. The off-campus housing office maintains a register of lodgings ranging from rooming houses, with or without board, to furnished apartments.

The University Centre, situated at the core of the main campus, has many resources to offer the university community: a 300-seat theatre; a cafeteria; a dining room; two bars; a typing room; a games room; TV and music rooms. As well the centre houses the university bookstore, the office and retail stores of the Students' Federation and the office of most of the student services.

Sports Services offer students various programs: instructional; intercollegiate; intramural; physical recreation; sports clubs. The sports facilities include a swimming pool; three gymnasiums; special quarters for weight training; squash and racquetball courts.

Health Services offer health care by a team of general practitioners, family physicians and registered nurses. University regulations require that all students have health insurance coverage for both medical and hospital expenses.

The foreign students adviser within the Financial Aid Service works at the smooth integration of foreign students into their new surroundings by welcoming them, giving advice as well as a helping hand in the numerous university and government formalities to be observed. Telephone: 564-5057.

Services for the handicapped are co-ordinated by the assistant to the director general of Student Services. Telephone: 564-5054.

The University Counselling Service provides a range of individual and group programs. These include education and career information and counselling, personal counselling, marital and pre-marital counselling, study skills seminars, career development, human relations and personal growth, development of meaningful life goals and assertiveness training.

The Placement Service, an on-campus Canada Employment Centre for students, provides relevant information to graduating students concerning permanent employment and assists undergraduate students to obtain seasonal or part-time employment during the academic year.

Research Institutes and Centres

Centre for Research on French-Canadian Culture. Director: P. Savard, BA, BPh, LèsL, DLett, FRSCan

Human Rights Research and Education Centre. Director: E. Ratushny, BA, LLB, LLM, SJD

Institute for International Development and Co-operation. Director: G. Hénault, MBA, DScEcon, DrdÉtat

The following centres were established jointly by University of Ottawa and Carleton University to combine their respective research strengths.

Ottawa-Carleton Centre for Graduate Studies and Research in Biology. Director: David L. Brown, BSc, MSc, PhD

Ottawa-Carleton Institute for Civil Engineering. Director: Gunther E. Bauer, BASc, MASc, PhD

Ottawa-Carleton Institute for Electrical Engineering. Director: Stanislaw Stuchly, MEng, DSc

Ottawa-Carleton Institute for Graduate Studies in Mathematics and Statistics. Director: John D. Dixon, MA, PhD

Ottawa-Carleton Centre for Geoscience Studies. Director: Owen A. Dixon, MA, PhD

Ottawa-Carleton Institute for Mechanical and Aeronautical Engineering. Director: Yung Lee, MEng, PhD

Ottawa-Carleton Centre for Graduate Studies and Research in Physics. Director: Richard J.W. Hodgson, BSc, PhD

Ottawa-Carleton Chemistry Institute. Director: Tony Durst, BSc, PhD

Federated University

Saint Paul University, Ottawa, Ontario. See separate entry.

University of Prince Edward Island*

General Information

Address: Charlottetown, Prince Edward Island C1A 4P3
Telephone: (902) 566-0439

President and Vice-chancellor: C.W.J. Eliot, BA, MA, PhD

For a complete list of University of Prince Edward Island faculty, see the UPEI calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, M.F. Hennessey.

High school liaison officer: Urbain Gaudin

Enrolment (1985-1986):	
Full-time undergraduate:	1,768
Part-time undergraduate:	781

Full-time faculty (1985-1986): 110

Total income (1984-1985): $17,217,000

General operating fund income	('000)	
Government grants	$ 10,486	60.9%
Fees	2,561	14.8%
Miscellaneous	259	1.5%
Sub Total	$ 13,306	77.2%
Other funds income		
Ancillary enterprises	$ 2,305	13.4%
Special purpose and trust	135	0.8%
Sponsored research	565	3.3%
Plant	906	5.3%
Sub Total	$ 3,911	22.8%
TOTAL	$ 17,217	100%

History and Governance

The University of Prince Edward Island was established by an act of the legislature of the province of Prince Edward Island in April 1969. It is a merger of two institutions of higher learning, Prince of Wales College which was established in 1834 and St. Dunstan's University established in 1855. The new institution conferred its first degrees in 1970.

The University of Prince Edward Island is public, coeducational and non-denominational. It operates under the authority of a board of governors and a senate. The board of governors consists of 18 members and the senate consists of 26 members.

Buildings and Grounds

The university campus is situated at the northern boundary of Charlottetown (population 22,000) on the Trans-Canada Highway. The campus occupies 50 acres of land and has eight teaching buildings, a library, and three residences. The Atlantic Veterinary College will be opening in September, 1986. Sports facilities include a gymnasium, a soccer field, a tennis court, and an arena with an artificial ice plant.

The university is involved in an on-going project to improve access to buildings for disabled students. Efforts are made to schedule classes according to the needs of these students.

Library

The library holdings include approximately 374,682 volumes and 1,180 periodical subscriptions.

Programs and Degrees

Degrees require four years (40 credits) from grade 12 unless otherwise specified.

Courses at the University of Prince Edward Island are usually assigned a credit value of one or two. A one-credit course normally requires three lecture hours per week for one semester. A two-credit course would normally span two semesters.

Arts

Bachelor of arts (BA)

Business administration

Bachelor of business administration (BBA)

Education

Bachelor of education (BEd) Four years from grade 12 or one year from BA or BSc.

Engineering

Diploma in engineering. Three years from grade 12. The diploma admits students to the fourth year of a five-year course leading to the bachelor of engineering degree at another Canadian university.

Home economics

Bachelor of science (BSc)

Music

Bachelor of music (BMus)

Science

Bachelor of science (BSc)

Veterinary Medicine

Doctor of veterinary medicine (DMV) Seven years from grade 12. Programs to commence in September, 1986.
Master of science (MSc) Two years from bachelor's degree.

Special programs

Immersion: The French immersion program is a credit program designed for any student serious about becoming bilingual. The student takes 15 semester hours of French in the first semester which runs from September to December and picks up the regular courses in the second semester beginning in January.

Continuing education

Evening and extension: Evening courses are offered at the university and by extension in several centres in the province mainly in arts, business administration and education. The university also offers a program of studies leading to a certificate or diploma in public administration; this program has been developed for working federal, provincial and municipal public servants who wish to prepare themselves for higher administrative and management positions.

Summer session: Summer session courses are offered for undergraduates proceeding to a degree and for teachers who wish to improve their professional qualifications. Subjects offered are mainly in the arts and education but a limited number of science, business administration and home economics courses are also available.

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*Ordinary member, AUCC

Admission Requirements

Undergraduate

Canadian students: Completion of grade 12 examinations in the university preparatory program with an overall average of at least 60 per cent (65 per cent for Quebec secondary V students) in the following subjects:

Arts, business, education: English, mathematics and three acceptable academic electives;

Science: English, mathematics, two sciences and one acceptable academic elective.

Veterinary medicine: Three years of a degree program to include specific courses in Biology, Chemistry, Physics, Mathematics, English, other courses in Humanities and Social Sciences, and electives.

Mature students

A student of mature years may be permitted entrance to the university without fulfilling all the entrance requirements. Mature applicants should submit a school record for the last two years of attendance, at least two letters of reference from persons competent to assess the applicant's learning capabilities, and a letter from the applicant explaining the reasons for requesting special consideration.

Senior citizens

Senior citizens, 60 years and over, are exempt from tuition fees. Seniors in pursuit of a degree or other academic qualification may be subject to admission requirements as per mature students.

Foreign Students

Certificates evaluated in terms of general requirements. GCE O-level with at least five credits including English and mathematics is required. Students whose first language is not English must submit satisfactory scores on the Test of English as a Foreign Language (TOEFL minimum score 550).

USA: Students should submit scholastic aptitude test (SAT) results with complete high school record and school recommendation. Average in the required subjects as outlined above should be at least as high as the college recommending mark of the school concerned.

Hong Kong: At least five credits including English and mathematics in one of the following: Hong Kong Certificate of Education (English) or GCE O-level Certificate or University of Hong Kong Matriculation Certificate.

Other: Applicants submitting the international baccalaureate will be considered for admission.

Application Deadlines

Applicants should submit all documents by August 15 if applying for the first semester, or by November 30 if applying for the second. Students from abroad must submit all completed documentation by April 1.

For degree program in veterinary medicine, applications must be received by December 1 of the year prior to September admission.

Costs (1985-1986)

Tuition: Fees for full-time and part-time students: per three semester-hour course, $135; per six semester-hour course, $270. Fees for visa students: $1,700 per year, in addition to the regular tuition fee.

Residence: Room and board, semi-private, $2,917; private, $3,299. Room only, semi-private, $1,441; private $1,721.

All fees subject to change without notice.

Academic Year

Winter session: September to December and January to May. Summer session: mid-May to the end of June and early July to mid-August.

Atlantic Veterinary College: September to May.

Grading System

All grades are given on a credit basis and the passing mark in each subject is 50 per cent. Successful results are classified as follows: first-class 80 per cent and over; second-class 70-79 per cent; pass 50-69 per cent. Students above freshman level may take four courses on a pass-fail basis.

Student Aid

Students seeking financial assistance to complete or continue their studies should contact the department of student services for information on scholarships, bursaries, and loans. A number of University of Prince Edward Island full-tuition scholarships are available each year for freshman students. Several other scholarships and bursaries are made available by business firms and are administered by the scholarship committee.

Student Life and Services

The University of Prince Edward Island Student Union is governed by the Student Union Council consisting of four executive members, three representatives from the arts faculty, three from the science faculty, three from the school of business and one from education. The student union promotes student affairs and the welfare of the student body and represents student opinion in matters of university, community, provincial, and international concern. It is the only student organization at the university and is the only official channel for negotiations and business between the student body and the university administration or any other organization.

The university has a drama club, music society, a campus radio station, and campus newspaper. Included among departmental societies are the physics society, English society, and film society. There are intramural and other sports activities on campus.

Two residences accommodate 78 men and 125 women. In addition, an apartment-style residence accommodates 232 students, with each apartment providing room for four students.

Students may contact the Department of Student Services for assistance in finding off-campus housing accommodation.

Disabled students should contact either the Office of the Registrar or Professor James Griffith (566-0423) for special assistance and information. The office of the Registrar also serves as initial contact for foreign students.

The eight-bed university and health centre is open to all students, faculty and staff. Appointments can be made with one of the campus physicians and nursing care is provided free of charge by a registered nurse. A medical insurance plan offered by the student union is compulsory for all full-time students, unless they present proof of enrolment in an alternate plan.

The university student counselling services include psychological testing, an educational and vocational information library, study habit seminars, educational and vocational planning, and personal counselling.

Services of the Canada Employment and Immigration Commission are available through the university placement office.

Université du Québec*

Note du rédacteur: Des chapitres distincts dans le présent répertoire sont consacrés à l'Université du Québec et à ses huit établissements qui sont affiliés à l'AUCC à titre individuel. Les inscriptions paraissent dans l'ordre indiqué ci-après:

Université du Québec
Université du Québec en Abitibi-Témiscamingue
Université du Québec à Chicoutimi
Université du Québec à Hull
Université du Québec à Montréal
Université du Québec - École nationale d'administration publique
Université du Québec à Rimouski
Université du Québec - École de technologie supérieure
Université du Québec à Trois-Rivières

Trois autres établissements, non affiliés à l'Association des Universités et Collèges du Canada, à titre individuel, apparaissent sous le présent chapitre consacré à l'Université du Québec.

Renseignements généraux

Adresse: 2875, boulevard Laurier, Sainte-Foy (Québec) G1V 2M3
Téléphone: (418) 657-3551, poste 2363
Câbles et télégrammes: Université du Québec, Sainte-Foy (Québec)
Télex: 0513488

Président: Gilles Boulet, BTh, LTh, ML, LPh, DES

Pour la liste complète des membres du corps enseignant, prière de vous reporter aux annuaires des unités constituantes.

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au Service du dossier étudiant, Université du Québec, 2875, boulevard Laurier, Sainte-Foy (Québec) G1V 2M3

Inscriptions (1985-1986):
1er cycle à temps plein: 25,185
1er cycle à temps partiel: 46,739
2e et 3e cycles à temps plein: 1,480
2e et 3e cycles à temps partiel: 3,103

Professeurs à temps plein: 1,816

Revenu total (1985-1986): $336,327,000

Budget total de fonctionnement

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Subventions du gouvernement	$267,602	79.6%
Frais de scolarité	22,617	6.7%
Divers	46,108	13.7%
TOTAL	$336,327	100%

Historique et statut

L'Université du Québec est une université publique dont la présence se manifeste dans l'ensemble du territoire québécois. Elle a été créée le 18 décembre 1968 par une loi votée par l'Assemblée nationale. L'Université du Québec est une institution d'enseignement publique, mixte et non confessionnelle.

L'Université du Québec compte en tout onze établissements: six établissements à vocation générale: en Abitibi-Témiscamingue, à Chicoutimi, à Hull, à Montréal, à Rimouski et à Trois-Rivières; cinq établissements à vocation spécialisée: l'École nationale d'administration publique, l'École de technologie supérieure, l'Institut national de la recherche scientifique, l'Institut Armand-Frappier et la Télé-université. Les axes de développement de chacun de ces établissements correspondent non seulement à des champs d'intervention fondés sur les besoins du Québec mais reflètent aussi les caractéristiques et les préoccupations de la zone d'influence de chaque établissement.

Bibliothèques

Université du Québec à Chicoutimi: 41,000 volumes, 2,600 périodiques et 302,000 documents; Université du Québec à Hull: 60,000 volumes et 800 périodiques; Université du Québec à Montréal: 250,000 volumes, 6,900 périodiques et 1,000,000 de documents; Université du Québec à Rimouski: 24,500 volumes, 1,340 périodiques, 23,262 cartes, 1,800 microfiches et 138,900 monographies; Université du Québec à Trois-Rivières: 541,000 volumes, 3,300 périodiques et plus de 500,000 documents; Université du Québec en Abitibi-Témiscamingue: 100,000 volumes, 850 périodiques et 81,000 microfiches; École nationale d'administration publique: 15,000 volumes et 1,032 périodiques; École de technologie supérieure: 5,000 volumes et 125 périodiques; Institut Armand-Frappier: 9,000 volumes et 800 périodiques; Institut national de la recherche scientifique: 25,000 volumes et 600 périodiques; Télé-université: 1,000 volumes et 3 périodiques; siège social: 3,587 volumes et 514 périodiques.

Outre de répondre aux besoins matériels de l'enseignement et de la recherche, les institutions de l'Université du Québec possèdent diverses facilités pour que les professeurs et étudiants puissent avoir accès, via un système informatisé de repérage, au catalogue renfermant les informations sur plus d'un million et demi de volumes et autant en revues, collections et divers documents dans toutes les bibliothèques des institutions du réseau. De plus, les services informatiques utilisent un CYBER 825 auquel l'ensemble des institutions y est relié; toutefois, chacune d'entre elles possède également des équipements tels que AMDAHL V7, VAX 730 et 750, DEC 10 à Montréal; VAX 780 à Chicoutimi; CYBER 171 à Hull; HP 3000 à Rimouski; CYBER 173 et VAX 730 à Trois-Rivières; IBM 4341-2 à l'École de technologie supérieure; HP 3000 à l'Institut Armand-Frappier; HP 1000, HP 3000, PDP 11/45 et PDP 11/25 à l'Institut national de la recherche scientifique; CYBER 815 à la Télé-université; ces institutions sont inter-reliées grâce au réseau informatique.

Programmes et grades

Au premier cycle, on délivre des baccalauréats et des certificats; le baccalauréat comporte 90 crédits; toutefois, celui en génie renferme 105 crédits. Le programme de baccalauréat identifié à une discipline ou un champ d'études demande un minimum de 48 crédits requis par la discipline ou le champ d'études et un minimum de neuf crédits en cours libres. Par ailleurs, le programme de baccalauréat se rapportant à des disciplines ou à des champs d'études connexes comporte un minimum de 60 crédits requis par les disciplines ou champs d'études connexes et neuf crédits en cours libres. Quant aux certificats de premier cycle, ils comportent de 24 à 36 crédits, mais normalement ils sont de 30 crédits.

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* Membre ordinaire de l'AUCC

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Au troisième cycle, le doctorat de recherche de 90 crédits renferme au moins 60 crédits de recherche.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

Les sigles employés dans cette section signifient: UQAC - Université du Québec à Chicoutimi; UQAH - Université du Québec à Hull; UQAM - Université du Québec à Montréal; UQAR - Université du Québec à Rimouski; UQAT - Université du Québec en Abitibi-Témiscamingue; UQTR - Université du Québec à Trois-Rivières; ENAP - École nationale d'administration publique; ETS - École de technologie supérieure; IAF - Institut Armand-Frappier; INRS - Institut national de la recherche scientifique; TELUQ - Télé-université.

La liste des programmes de l'Université du Québec offerts dans les différents établissements de l'Université du Québec s'établit comme suit:

Administration

Certificat de premier cycle en administration. Offert à l'UQAC, à l'UQAM, à l'UQTR, à l'UQAR, à l'UQAH et à l'UQAT
Certificat de premier cycle en administration de services. Offert à l'UQAM
Certificat de premier cycle en affaires immobilières. Offert à l'UQAM
Certificat de premier cycle en analyse financière. Offert à l'UQAM
Certificat de premier cycle en comptabilité générale. Offert à l'UQAM et à l'UQAH
Certificat de premier cycle en gestion d'entretien. Offert à l'UQAC
Certificat de premier cycle en gestion informatisée. Offert à l'UQAM et à l'UQAR
Certificat de premier cycle en gestion de la main-d'oeuvre. Offert à l'UQAM
Certificat de premier cycle en gestion du personnel et des relations de travail. Offert à l'UQAM
Certificat de premier cycle en gestion policière. Offert à l'UQTR
Certificat de premier cycle en gestion prospective de travail. Offert à la TELUQ
Certificat de premier cycle en gestion des ressources humaines. Offert à l'UQAC, à l'UQAR et à l'UQTR
Certificat de premier cycle en marketing. Offert à l'UQAM
Certificat de premier cycle en relations industrielles. Offert à l'UQAH
Certificat de premier cycle en relations de travail. Offert à l'UQAT
Certificat de premier cycle en sciences comptables. Offert à l'UQAC, à l'UQAM, à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Baccalauréat en administration (BAA) Offert à l'UQAM, à l'UQAC, à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Baccalauréat en comptabilité de management (BAA) Offert à l'UQAM
Baccalauréat d'enseignement en administration (BAA) Offert à l'UQAC, à l'UQAR, à l'UQTR, à l'UQAM, à l'UQAH et à l'UQAT
Baccalauréat en gestion et intervention touristiques (BAA) Offert à l'UQAM
Baccalauréat en recherche opérationnelle (BAA) Offert à l'UQTR
Baccalauréat en sciences comptables (BAA) Offert à l'UQAM, à l'UQTR, à l'UQAH et à l'UQAT
Diplôme de deuxième cycle en administration. Offert à l'UQAR
Diplôme de deuxième cycle en management des services publics régionaux. Offert à l'UQAH
Diplôme de deuxième cycle en sciences comptables. Offert à l'UQTR
Maîtrise en administration des affaires (MBA) Offerte à l'UQAM
Maîtrise en administration publique (MAP) Offerte à l'ENAP, à l'UQAC et à l'UQAH
Maîtrise en analyse et gestion urbaines (MA) Offerte à l'UQAM, à l'INRS et à l'ENAP
Maîtrise en économie et gestion des systèmes de petites et moyennes dimensions. Offerte à l'UQTR
Maîtrise en gestion des petites et moyennes organisations. Offerte à l'UQAC et à l'UQAT
Maîtrise en gestion de projet (MSc) Offerte à l'UQAC, à l'UQAM, à l'UQTR, à l'UQAH et à l'UQAT (dont la gestion est assumée par la Commission des programmes d'études avancées gérés conjointement (PRETAGEC)
Doctorat en administration (PhD) Offert à l'UQAM

Beaux-arts et arts appliqués

Certificat de premier cycle en art et artisanat. Offert à l'UQAC
Certificat de premier cycle en arts d'impression. Offert à l'UQAM
Certificat de premier cycle en arts plastiques. Offert à l'UQAM, à l'UQAH, à l'UQAT et à l'UQTR
Certificat de premier cycle en études cinématographiques. Offert à l'UQAC
Certificat de premier cycle en histoire de l'art. Offert à l'UQAC
Certificat de premier cycle en peinture. Offert à l'UQAM
Certificat de premier cycle en sculpture. Offert à l'UQAM
Certificat de premier cycle en théâtre. Offert à l'UQAC
Baccalauréat en art dramatique (BA) Offert à l'UQAM
Baccalauréat en arts plastiques (BA) Offert à l'UQAM, à l'UQTR, à l'UQAH, à l'UQAC et à l'UQAT
Baccalauréat en danse (BA) Offert à l'UQAM
Baccalauréat en design graphique (BA) Offert à l'UQAM
Baccalauréat d'enseignement en arts plastiques (BA) Offert à l'UQAC et à l'UQTR
Baccalauréat en musique (BMus) Offert à l'UQUAM et à l'UQTR
Baccalauréat d'enseignement en musique (BMus) Offert à l'UQTR
Baccalauréat en histoire de l'art (BA) Offert à l'UQAM
Maîtrise en art dramatique (MA) Offerte à l'UQAM

Maîtrise en arts plastiques (MA) Offerte à l'UQAM et à l'UQAC
Maîtrise en études des arts (MA) Offerte à l'UQAM

Design de l'environnement
Baccalauréat en design de l'environnement (BA) Offert à l'UQAM
Baccalauréat en urbanisme (BSc) Offert à l'UQAM

Droit
Certificat de premier cycle en droit social et du travail. Offert à l'UQAM
Certificat de premier cycle sur le droit et les citoyens. Offert à l'UQAT
Baccalauréat en sciences juridiques (LLB) Offert à l'UQAM

Éducation
Certificat de premier cycle en andragogie. Offert à l'UQAC et à l'UQAR
Certificat de premier cycle en éducation de la prime enfance. Offert à l'UQAH
Certificat de premier cycle en entraînement sportif. Offert à l'UQTR
Certificat de premier cycle de formateurs d'adultes en milieu scolaire. Offert à l'UQAM
Certificat de premier cycle en formation au plein-air. Offert à l'UQAM
Certificat de premier cycle pour instructeurs en milieu de travail. Offert à l'UQAM
Certificat de premier cycle en pédagogie de l'audio-visuel. Offert à l'UQAM
Certificat de premier cycle en perfectionnement de la pratique éducative pour les maîtres en exercice. Offert à l'UQAT
Certificat de premier cycle en sciences de l'activité physique. Offert à l'UQAC et à l'UQTR
Certificat de premier cycle en sciences de l'éducation (cheminement général). Offert à l'UQAM
Certificat de premier cycle en sciences de l'éducation (cheminement général et professionnel). Offert à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Certificat de premier cycle en sciences de l'éducation (cheminement général, professionnel et amérindien). Offert à l'UQAC
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (BEd) Offert à l'UQAC, à l'UQTR, à l'UQAR, à l'UQAH et à l'UQAT
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (formation initiale) (BEd) Offert à l'UQAM
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (perfectionnement) BEd) Offert à l'UQAM
Baccalauréat d'enseignement en activité physique (BSc) Offert à l'UQAM et à l'UQTR
Baccalauréat d'information scolaire et professionnelle (BEd) Offert à l'UQAM
Baccalauréat en récréologie (BA) Offert à l'UQTR
Baccalauréat en sciences de l'activité physique (BSc) Offert à l'UQAC et à l'UQTR
Baccalauréat en sciences de l'éducation (BEd) Offert à l'UQAH et à l'UQAT
Maîtrise en éducation (MEd) Offerte à l'UQAC, à l'UQAM, à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Maîtrise en enseignement au primaire (MEd) Offerte à l'UQAM
Maîtrise en sciences de l'activité physique (MSc) Offerte à l'UQTR

Études plurisectorielles
Certificat de premier cycle en connaissance de l'homme et du milieu. Offert à la TELUQ
Certificat de premier cycle en connaissance de l'homme en société. Offert à la TELUQ
Certificat de premier cycle en enseignement de la formation personnelle et sociale. Offert à l'UQAM
Certificat de premier cycle en santé et sécurité au travail. Offert à l'UQAC, à l'UQTR, à l'UQAH, à l'UQAT, à l'UQAM et à l'UQAR
Certificat de premier cycle en sciences de l'environnement. Offert à l'UQAC, à l'UQAM et à l'UQTR
Baccalauréat en animation culturelle (BA) Offert à l'UQAM
Baccalauréat d'enseignement en sciences (BSc) Offert à l'UQAM

Ingénierie
Certificat de premier cycle en assurance de la qualité. Offert à l'ETS
Certificat de premier cycle en gestion de la construction. Offert à l'ETS
Certificat de premier cycle en instrumentation. Offert à l'UQAM
Certificat de premier cycle en méthodes et pratiques de la construction. Offert à l'ETS
Certificat de premier cycle en microprocesseurs. Offert à l'UQAM
Certificat de premier cycle en technologie de l'énergie thermique. Offert à l'ETS
Certificat de premier cycle en technologie du soudage. Offert à l'ETS
Certificat de premier cycle en technologie des systèmes numériques. Offert à l'ETS
Certificat de premier cycle en télécommunications. Offert à l'UQAM et à l'ETS
Baccalauréat d'enseignement en électrotechnique (BScA) Offert à l'UQAM
Baccalauréat d'enseignement professionnel (BEd) Offert à l'UQAM, à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Baccalauréat d'enseignement technique (BScA) Offert à l'UQTR
Baccalauréat d'enseignement en technologie de la mécanique (BScA) Offert à l'UQAM
Baccalauréat d'enseignement technologique et professionnel. Offert à l'UQAC
Baccalauréat de formation initiale en enseignement professionnel. Offert à l'UQTR
Baccalauréat en génie chimique (BIng) Offert à l'UQTR
Baccalauréat en génie électrique (BIng) Offert à l'UQTR
Baccalauréat en génie géologique (BIng) Offert à l'UQAC
Baccalauréat en génie industriel (BIng) Offert à l'UQTR
Baccalauréat en génie mécanique manufacturier. Offert à l'UQTR
Baccalauréat en génie unifié (BIng) Offert à l'UQAC
Baccalauréat en technologie de la construction civile (BTech) Offert à l'ETS
Baccalauréat en technologie de l'électricité (BTech) Offert à l'ETS
Baccalauréat en technologie de la mécanique (BTech) Offert à l'ETS
Baccalauréat de la technologie de la production automatisée (BTech) Offert à l'ETS

Lettres
Certificat de premier cycle en alphabétisation. Offert à l'UQAM
Certificat de premier cycle en anglais langue seconde. Offert à l'UQAC
Certificat de premier cycle en création littéraire. Offert à l'UQAM

Certificat de premier cycle en éducation morale. Offert à l'UQAM, à l'UQAR et à l'UQAH
Certificat de premier cycle en enseignement du français en classe d'accueil et d'immersion. Offert à l'UQAM
Certificat de premier cycle en enseignement du français au primaire. Offert à l'UQAC, l'UQAR, à l'UQTR, à l'UQAM, à l'UQAH et à l'UQAT
Certificat de premier cycle en enseignement du français au secondaire. Offert à l'UQAC, à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Certificat de premier cycle en enseignement d'une langue seconde. Offert à l'UQAH et à l'UQAT
Certificat de premier cycle en enseignement des langues secondes. Offert à l'UQAM
Certificat de premier cycle en espagnol. Offert à l'UQAC
Certificat de premier cycle en études du langage. Offert à l'UQAM
Certificat de premier cycle en expression française écrite. Offert à l'UQAH
Certificat de premier cycle en français écrit. Offert à l'UQAM
Certificat de premier cycle en français pour non-francophones. Offert à l'UQAC, à l'UQTR et à l'UQAR
Certificat de premier cycle d'initiation à la scénarisation cinématographique. Offert à l'UQAM
Certificat de premier cycle en langue et culture dans la société québécoise. Offert à l'UQAM
Certificat de premier cycle en langues modernes. Offert à l'UQAC
Certificat de premier cycle des langues secondes. Offert à l'UQAM
Certificat de premier cycle en littérature de jeunesse. Offert à l'UQAM
Certificat de premier cycle en recherche et rédaction. Offert à l'UQTR
Certificat de premier cycle en sciences religieuses. Offert à l'UQAC, à l'UQAR et à l'UQTR
Certificat de premier cycle en techno-linguistique autochtone. Offert à l'UQAC
Certificat de premier cycle en terminologie. Offert à l'UQAM
Certificat de premier cycle en traduction. Offert à l'UQTR
Certificat de premier cycle en traduction pratique. Offert à l'UQAH
Programme cadre individuel. Offert à l'UQAC, à l'UQAT, à l'UQTR et à la TELUQ
Baccalauréat d'enseignement en anglais langue seconde (BA) Offert à l'UQAC
Baccalauréat d'enseignement en études anglaises (BA) Offert à l'UQTR, à l'UQAR, à l'UQAH et à l'UQAT
Baccalauréat d'enseignement en études françaises (BA) Offert à l'UQAC, à l'UQTR, à l'UQAH et à l'UQAT
Baccalauréat d'enseignement en français. Offert à l'UQAR
Baccalauréat en enseignement du français, langue maternelle (BA) Offert à l'UQAM
Baccalauréat en enseignement des langues secondes (BA) Offert à l'UQAM
Baccalauréat d'enseignement en sciences religieuses (BA) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat en études anglaises (BA) Offert à l'UQTR
Baccalauréat en études françaises. Offert à l'UQAR
Baccalauréat en études littéraires (BA) Offert à l'UQAM et à l'UQAH
Baccalauréat en études littéraires françaises (BA) Offert à l'UQAC et à l'UQTR
Baccalauréat en études littéraires québécoises (BA) Offert à l'UQTR
Baccalauréat en linguistique (BA) Offert à l'UQAC, à l'UQAM et à l'UQTR
Baccalauréat en philosophie (BA) Offert à l'UQAM et à l'UQTR
Baccalauréat en religiologie (BA) Offert à l'UQAM
Baccalauréat en traduction (BA) Offert à l'UQTR
Maîtrise en études littéraires (MA) Offerte à l'UQAM, à l'UQTR, à l'UQAC et à l'UQAR
Maîtrise en éthique (MA) Offerte à l'UQAR
Maîtrise en linguistique (MA) Offerte à l'UQAM et à l'UQAC
Maîtrise en philosophie (MA) Offerte à l'UQAM et à l'UQTR
Maîtrise en sciences religieuses (MA) Offerte à l'UQAM
Doctorat en philosophie (PhD) Offert à l'UQAM et à l'UQTR
Doctorat en sémiologie (PhD) Offert à l'UQAM

Sciences de la santé

Certificat de premier cycle en biologie médicale. Offert à l'UQTR
Certificat de premier cycle en nursing communautaire. Offert à l'UQAC, à l'UQTR, à l'UQAH, à l'UQAT et à l'UQAR
Certificat de premier cycle en santé communautaire. Offert à l'UQAR
Certificat de premier cycle en santé mentale. Offert à l'UQAT
Certificat de premier cycle en soins infirmiers cliniques. Offert à l'UQAH et à l'UQAT
Baccalauréat en biologie médicale (BSc) Offert à l'UQTR
Baccalauréat en sciences infirmières (BSc) Offert à l'UQAC, à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Maîtrise en pharmacologie (MSc) Offerte à l'INRS
Maîtrise en sciences de la santé (sport) (MSc) Offerte à l'UQTR
Maîtrise en virologie (MSc) Offerte à l'IAF
Doctorat en virologie (PhD) Offert à l'IAF

Sciences humaines et sociales

Certificat de premier cycle en adaptation scolaire et sociale. Offert à l'UQAM
Certificat de premier cycle en archéologie. Offert à l'UQTR et à l'UQAM
Certificat de premier cycle en communication. Offert à l'UQAM, à l'UQAR et à l'UQAT
Certificat de premier cycle en économie familiale et sociale. Offert à l'UQAM
Certificat de premier cycle en économique. Offert à l'UQAM et à l'UQAH
Certificat de premier cycle en éducation morale. Offert à l'UQAM, à l'UQAR et à l'UQAH
Certificat de premier cycle en enfance inadaptée. Offert à l'UQAC et à l'UQTR
Certificat de premier cycle d'études appliquées en urbanisme. Offert à l'UQAM
Certificat de premier cycle en géographie. Offert à l'UQTR
Certificat de premier cycle en gérontologie. Offert à l'UQAC, à l'UQAH, à l'UQTR et à l'UQAT
Certificat de premier cycle en histoire. Offert à l'UQTR
Certificat de premier cycle en insertion sociale et professionnelle des jeunes. Offert à l'UQAM
Certificat de premier cycle en intervention psychosociale. Offert à l'UQAM
Certificat de premier cycle en psychomotricité. Offert à l'UQAH
Certificat de premier cycle en réadaptation sociale. Offert à l'UQAC
Certificat de premier cycle en sciences sociales. Offert à l'UQAM

Baccalauréat en communication (BA) Offert à l'UQAM
Baccalauréat en économique (BSc) Offert à l'UQAM, à l'UQTR et à l'UQAR
Baccalauréat d'enseignement en adaptation scolaire (BA) Offert à L'UQTR et à l'UQAR
Baccalauréat d'enseignement en adaptation scolaire et sociale (formation initiale) (BEd) Offert à l'UQAM
Baccalauréat d'enseignement en adaptation scolaire et sociale (perfectionnement) (BEd) Offert à l'UQAM
Baccalauréat d'enseignement à l'enfance inadaptée (BEd) Offert à l'UQAC et à l'UQAT
Baccalauréat d'enseignement en géographie (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR, à l'UQTR et à l'UQAH
Baccalauréat d'enseignement en histoire (BA) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQAH
Baccalauréat en géographie (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat en histoire (BA) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat en psycho-éducation (BA) Offert à l'UQTR, à l'UQAH et à l'UQAT
Baccalauréat en psychologie (BA) Offert à l'UQTR
Baccalauréat en psychologie (BSc) Offert à l'UQAM
Baccalauréat en psychosociologie (BA) Offert à l'UQAM
Baccalauréat en psychosociologie de la communication (BA) Offert à l'UQAM
Baccalauréat en sciences politiques (BA) Offert à l'UQAM et à l'UQAC
Baccalauréat en sciences sociales (BA) Offert à l'UQAC et à l'UQAH
Baccalauréat en sexologie (BA) Offert à l'UQAM
Baccalauréat en sociologie (BA) Offert à l'UQAM et à l'UQAR
Baccalauréat en théologie (BTh) Offert à l'UQAC, à l'UQAR et à l'UQTR
Diplôme de deuxième cycle en andragogie. Offert à l'UQAH
Diplôme de deuxième cycle en développement régional. Offert à l'UQAR
Diplôme de deuxième cycle en études américaines contemporaines. Offert à l'UQAM
Diplôme de deuxième cycle d'intégration de la recherche à la pratique éducative. Offert à l'UQAM
Diplôme de deuxième cycle en technologie éducative. Offert à l'UQAH
Diplôme de deuxième cycle en thérapie familiale et conjugale. Offert à l'UQAM
Maîtrise en communication (MA) Offerte à l'UQAM
Maîtrise en développement régional (MA) Offerte à l'UQAR
Maîtrise en économique (MSc) Offerte à l'UQAM
Maîtrise en études québécoises (MA) Offerte à l'UQTR
Maîtrise en études régionales (MA) Offerte à l'UQAC
Maîtrise en géographie (MA) Offerte à l'UQAM
Maîtrise en histoire (MA) Offerte à l'UQAM
Maîtrise en psychologie (MA) Offerte à l'UQAM et à l'UQTR
Maîtrise en sciences du loisir (MA) Offerte à l'UQTR
Maîtrise en science politique (MA) Offerte à l'UQAM
Maîtrise en sexologie (MA) Offerte à l'UQAM
Maîtrise en sociologie (MA) Offerte à l'UQAM
Maîtrise en théologie (MA) Offerte à l'UQTR
Maîtrise en théologie (MTh) Offerte à l'UQAC et à l'UQTR
Doctorat en histoire (PhD) Offert à l'UQAM
Doctorat en psychologie (PhD) Offert à l'UQAM et à l'UQTR
Doctorat en science politique (PhD) Offert à l'UQAM

Sciences pures et appliquées

Certificat de premier cycle en analyse chimique. Offert à l'UQAM
Certificat de premier cycle en analyse chimique instrumentale. Offert à l'UQTR
Certificat de premier cycle en application de l'informatique. Offert à l'UQAC
Certificat de premier cycle en application pédagogique de l'ordinateur. Offert à l'UQAM, à l'UQAR, à l'UQTR, à l'UQAH et à l'UQAT
Certificat de premier cycle en énergie. Offert à l'UQAM
Certificat de premier cycle en enseignement des mathématiques au primaire. Offert à l'UQAR
Certificat de premier cycle en enseignement des mathématiques et des sciences. Offert à l'UQAM
Certificat de premier cycle en enseignement des mathématiques et des sciences au primaire. Offert à l'UQAM
Certificat de premier cycle en géographie physique. Offert à l'UQAM
Certificat de premier cycle en géologie appliquée. Offert à l'UQAM
Certificat de premier cycle en informatique. Offert à l'UQAM, à l'UQAR et à l'UQTR
Certificat de premier cycle en informatique appliquée à l'éducation. Offert à la TELUQ
Certificat de premier cycle en informatique appliquée à l'enseignement. Offert à l'UQAM
Certificat de premier cycle en informatique de gestion. Offert à l'UQAC, à l'UQAH et à l'UQAT
Certificat de premier cycle en méthodes quantitatives. Offert à l'UQAM
Certificat de premier cycle en micro-informatique. Offert à l'UQAH
Certificat de premier cycle en micro-informatique appliquée. Offert à l'ETS
Certificat de premier cycle en micro-systèmes. Offert à l'UQAH
Certificat de premier cycle en physique. Offert à l'UQTR
Certificat de premier cycle en sciences et techniques de l'eau. Offert à l'UQAM
Baccalauréat en biochimie (BSc) Offert à l'UQAM et à l'UQTR
Baccalauréat en biologie (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat en biophysique (BSc) Offert à l'UQTR
Baccalauréat en chimie (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat d'enseignement en biologie (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat d'enseignement en chimie (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat d'enseignement en mathématiques (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat d'enseignement en physique (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Baccalauréat en géographie physique (BSc) Offert à l'UQAM
Baccalauréat en géologie (BSc) Offert à l'UQAM et à l'UQAC
Baccalauréat en informatique (BScA) Offert à l'UQAH et à l'UQTR
Baccalauréat en informatique de gestion (BScA) Offert à l'UQAM et à l'UQAT
Baccalauréat en mathématiques (BSc) Offert à l'UQAM et à l'UQTR

Baccalauréat en mathématiques-informatique (BSc) Offert à l'UQAC et à l'UQAR
Baccalauréat en physique (BSc) Offert à l'UQAC, à l'UQAM, à l'UQAR et à l'UQTR
Diplôme de deuxième cycle en électrochimie appliquée. Offert à l'UQAM
Diplôme de deuxième cycle en météorologie. Offert à l'UQAM
Maîtrise en biologie (MSc) Offerte à l'UQAM
Maîtrise en biophysique (MSc) Offerte à l'UQTR
Maîtrise en chimie (MSc) Offerte à l'UQAM et à l'UQTR
Maîtrise en électronique de puissance (MScA) Offerte à l'UQTR
Maîtrise en informatique de gestion (MScA) Offerte à l'UQAM
Maîtrise en mathématiques (MSc) Offerte à l'UQAM
Maîtrise en mathématiques (MSc) Offerte à l'UQTR, à l'UQAC et à l'UQAR (dont la gestion est assumée par la Commission des programmes d'études avancées gérés conjointement PRETAGEC)
Maîtrise en microbiologie appliquée (MSc) Offerte à l'IAF
Maîtrise en océanographie (MSc) Offerte à l'UQAR
Maîtrise en physique (MSc) Offerte à l'UQTR
Maîtrise en productivité aquatique (MSc) Offerte à l'UQAC
Maîtrise en ressources et systèmes (MScA) Offerte à l'UQAC
Maîtrise en sciences de l'atmosphère (MSc) Offerte à l'UQAM
Maîtrise en sciences de l'eau (MSc) Offerte à l'INRS
Maîtrise en sciences de l'énergie (MSc) Offerte à l'UQTR et à l'INRS
Maîtrise en sciences de l'environnement (MSc) Offerte à l'UQAM et à l'UQTR
Maîtrise en sciences des pâtes et papiers (MScA) Offerte à l'UQTR
Maîtrise en sciences de la terre (MSc) Offerte à l'UQAM
Maîtrise en sciences de la terre (MScA) Offerte à l'UQAC
Maîtrise en sécurité et hygiène industrielles (MScA) Offerte à l'UQTR
Maîtrise en télécommunications (MSc) Offerte à l'INRS
Doctorat en biophysique (PhD) Offert à l'UQTR
Doctorat en océanographie (PhD) Offert à l'UQAR
Doctorat en ressources minérales (PhD) Offert à l'UQAC et à l'UQAM
Doctorat en sciences de l'eau (PhD) Offert à l'INRS
Doctorat en sciences de l'énergie (PhD) Offert à l'UQTR et à l'INRS

Services publics et communautaires
Certificat de premier cycle en administration des services publics. Offert à l'UQAM
Certificat de premier cycle en animation. Offert à l'UQAC, à l'UQAH et à l'UQAT
Certificat de premier cycle en animation culturelle. Offert à l'UQAM
Certificat de premier cycle en animation des petits groupes. Offert à l'UQAR
Certificat de premier cycle en gérontologie. Offert à l'UQAC, à l'UQTR, à l'UQAH et à l'UQAT
Certificat de premier cycle en gestion des documents et des archives historiques. Offert à l'UQAM
Certificat de premier cycle en gestion policière. Offert à l'UQTR
Certificat de premier cycle en gestion des services municipaux. Offert à l'UQAM
Certificat de premier cycle en travail social. Offert à l'UQAC, à l'UQAR, à l'UQAH et à l'UQAT
Baccalauréat en génagogie (BA) Offert à l'UQTR
Baccalauréat en travail social (BTS) Offert à l'UQAR, à l'UQAM, à l'UQAH et à l'UQAT
Diplôme de deuxième cycle en géronto-thanatologie. Offert à l'UQAH
Diplôme de deuxième cycle en management des services publics régionaux. Offert à l'UQAH
Diplôme de deuxième cycle en thanatologie. Offert à l'UQAM
Maîtrise en administration publique (MAP) Offerte à l'ENAP
Maîtrise en sécurité et hygiène industrielles (MScA) Offerte à l'UQTR

Conditions d'admission

Condition générale
Le candidat doit posséder la connaissance du français parlé et écrit.

1er cycle
À ce niveau, l'Université du Québec peut accepter deux types de candidatures: le titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; le candidat âgé d'au moins 22 ans et possédant une connaissance appropriée et une expérience jugée pertinente.

Autres provinces: les dossiers des candidats des autres provinces seront évalués en comparaison avec les conditions d'admission exigées des étudiants du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

2e cycle
Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

3e cycle
Le candidat doit être titulaire d'un grade de maître ou

l'équivalent, ou être titulaire d'un grade de bachelier et posséder les connaissances requises et une formation appropriée.

Condition particulière
Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers
Les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées des étudiants du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni, sont admissibles au premier cycle à l'Université du Québec. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

Les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1^er^ mars pour la session d'automne et le 1^er^ novembre pour la session d'hiver.

Frais

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

L'enseignement à l'Université du Québec se donne sur une base de trois sessions par année. Session d'automne: de septembre à décembre. Session d'hiver: de janvier à avril. Session d'été: de mai à août. L'année régulière comporte les sessions d'automne et d'hiver.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par chaque établissement du réseau.

Aide aux étudiants

On peut distinguer deux sortes d'aide financière aux étudiants: le régime de prêts-bourses du ministère de l'Éducation du Québec; les bourses décernées soit par des associations, des instituts ou des compagnies. L'Université publie tous les deux ans un répertoire des bourses offertes aux étudiants de tous les niveaux d'études.

Accueil et service de logement
Seulement deux des établissements du réseau de l'Université du Québec disposent de résidences universitaires: il s'agit de l'Université du Québec à Chicoutimi et de l'Université du Québec à Trois-Rivières. Par ailleurs, il existe dans chacun des établissements un service de logement qui regroupe les différentes offres des propriétaires en fonction des besoins des étudiants selon le coût, le type d'appartement et la zone géographique. Chaque étudiant est guidé dans son choix en fonction de ses possibilités financières et de ses besoins spécifiques dès son arrivée à l'Université, s'il le désire.

Vie étudiante et services aux étudiants

Les services aux étudiants de chaque établissement comportent les organismes suivants qui sont la responsabilité du directeur des services aux étudiants: service culturel, service de la pastorale, service de logement et d'accueil, activités sportives, service de placement. D'autres services sont aussi offerts aux étudiants et relèvent de leur directeur: service d'information, service de l'informatique, bibliothèque, centre audio-visuel.

Liaison entre les handicapés et les divers services universitaires
Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition dans les établissements de l'Université du Québec peuvent s'adresser au directeur des services aux étudiants de leur établissement qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante
L'Université prévoit la participation des étudiants à divers niveaux statutaires, non seulement au niveau des instances supérieures de l'Université du Québec (Assemblée des Gouverneurs, Conseil des études) de chaque établissement (Conseil d'administration, Commission des études, Commission de la recherche), mais aussi au niveau de chaque programme (Conseil de module, Comité de programme). Il y a aussi diverses associations étudiantes.

Recherche

a) École nationale d'administration publique. Directeur général: J. Jacques, MScPol, MPA

   Centre d'études politiques et administratives du Québec (CEPAQ). Directrice: A. Gélinas, MScEd

b) Institut Armand-Frappier. Directeur: A. Beaulnes, BA, MD, FACCP

   Centre de recherche en bactériologie. Directeur: V. Portelance, MSc, PhD

   Centre de recherche en sciences appliquées à l'alimentation. Directeur: Marcel Gagnon, MSc, PhD

   Centre de recherche en épidémiologie et en médecine préventive. Directeur: L. Frappier-Davignon, BA, MD, MPh

Centre de recherche en immunologie. Directeur: J.M. Dupuis, MD

Centre de recherche en médecine comparée. Directeur: Roger Ruppanner, DMV, MScVét

Centre de recherche en virologie. Directeur: Serge Belloncik, DSc

c) Institut national de la recherche scientifique. Directeur: A. Lemay, BSc, DSc

INRS-Eau. Directeur: M. Slivitky, DSc

INRS-Énergie. Directeur: J.G. Martel, PhD

INRS-Géoressources. Directeur: R.-J. Lamarche

INRS-Océanologie. Directeur: P. Mayzaud, MSc, Dr3e cycle (océanologie), DrÉtatScNat

INRS-Santé. Directeur: R. Dugal, MSc, PhD

INRS-Télécommunications. Directeur: M.L. Blostein, BScA, PhD

INRS-Urbanisation. Directeur: M. Polèze

d) Université du Québec à Chicoutimi

Centre d'études sur les ressources minérales. Directeur: à nommer

Groupe de recherche en productivité végétale

Groupe de recherche en ingénierie de l'environnement atmosphérique

Groupe de recherche et d'intervention régionale

e) Université du Québec à Hull

Groupe de recherche sur l'efficacité organisationnelle (GREFICOR). Responsable: A. Albert

Groupe de recherche sur l'innovation pédagogique et l'intervention scolaire (GRIPEIS). Responsable: M.A. Vincent, MSc, DSc

f) Université du Québec à Montréal

Centre interdisciplinaire de recherches sur l'apprentissage et le développement en éducation. Directeur: N. Bernarz-Descamps

Centre des petites et moyennes entreprises. Responsable: P. Aubry

Centre interuniversitaire d'études européennes. Directeur: M. Grenon, Dr

Centre de recherche en gestion. Directeur: P. Filiatrault, MBA, DrScAdm

Laboratoire de géochimie isotopique et de géochronologie. Directeur: C. Hillaire-Marcel, DSc

Laboratoire de recherche en écologie humaine et sociale. Directeur: M. Tousignant

Laboratoire de recherche sur l'emploi, la répartition et la sécurité du revenu. Directeur: P.-M. Roy, PhD

Laboratoire de recherche en sciences immobilières. Directeur: J. St-Pierre

Centre de recherche en services appliqués à l'alimentation (CRESALA). Responsable: A. Strachan, BSc (biologie)

g) Université du Québec à Rimouski

Groupe de recherche interdisciplinaire en développement de l'Est du Québec (CRIDEQ). Responsable: B. Jean, DrSoc

Groupe d'études des ressources maritimes (GERMA). Directrice: H. Tremblay, MA (sc.écon.)

Centre d'intervention et de recherche pour l'amélioration des situations de travail (CIRAST). Responsable: J.L. Chaumel, Dr3e cycle (gestion)

Centre de recherche en services appliqués à l'alimentation (CRESALA). Responsable: A. Strachan, BSc (biologie)

h) Université du Québec en Abitibi-Témiscamingue

Groupe d'animation des populations autochtones. Responsable: à nommer

Groupe de diagnostic et de recherche en gestion de la petite et moyenne entreprise. Responsable: à nommer

Groupe de recherche en enseignement professionnel. Responsable: à nommer

Groupe de recherche et d'intervention sur les systèmes d'activités humaines (GRISAH). Responsable: à nommer

Groupe de recherche en technologie minérale. Responsable: à nommer

Groupe de travail sur le changement social et économique en Abitibi-Témiscamingue. Responsable: à nommer

Laboratoire de didactique. Directeur: à nommer

Laboratoire de psychologie expérimentale. Directeur: à nommer

i) Université du Québec à Trois-Rivières

Centre de recherche en pâtes et papiers. Directeur: M. Lapointe, MSc, DIng

Centre de recherche en photobiophysique. Directeur: R. Leblanc, DSc

Groupe de recherche en diélectrique. Directeur: T.K. Bose, MSc, DSc

Groupe de recherche en microbiologie des membranes. Responsable: C. Gicquand, MSc, PhD

Groupe de recherche en neurophysiologie expérimentale. Directeur: M. Pitto, MA, PhD

Groupe de recherche en philosophie analytique. Responsable: D. Vanderveken, LPh, DPhL

Groupe de recherche sur les insectes piqueurs. Responsable: J.P. Bourassa, MSc, Dr

Groupe de recherche sur la Mauricie. Directeur: N. Séguin

Laboratoire départemental de recherche de développement de l'enfant. Responsable: E. Quintin, LPsy, DPsy

Laboratoire départemental de recherche en économie et gestion des systèmes de petites dimensions. Responsable: P.A. Julien, MSc, DSc

Laboratoire départemental de recherche sur le contrôle de la motricité. Responsable: Y. Girouard, MSc, PhD

Laboratoire départemental de recherche sur les habitats fauniques. Responsable: R. Couture, MSc, DSc

Établissements de l'Université du Québec

Université du Québec en Abitibi-Témiscamingue, Rouyn (Québec). Voir chapitre correspondant.

Institut Armand-Frappier, Ville de Laval (Québec). Voir ci-dessous.

Université du Québec à Chicoutimi, Chicoutimi (Québec). Voir chapitre correspondant.

Université du Québec à Hull, Hull (Québec). Voir chapitre correspondant.

Université du Québec à Montréal, Montréal (Québec). Voir chapitre correspondant.

École nationale d'administration publique, Sainte-Foy (Québec). Voir chapitre correspondant.

Institut national de la recherche scientifique, Sainte-Foy (Québec). Voir ci-dessous.

Université du Québec à Rimouski, Rimouski (Québec). Voir chapitre correspondant.

École de technologie supérieure, Montréal (Québec). Voir chapitre correspondant.

Télé-université, Québec (Québec). Voir ci-dessous.

Université du Québec à Trois-Rivières, Trois-Rivières (Québec). Voir chapitre correspondant.

Institut Armand-Frappier

Renseignements généraux

Adresse: 531, boulevard des Prairies, Ville de Laval (Québec) H7V 1B7
Téléphone: (514) 687-5010

Directeur général: A. Beaulnes, MD

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à Mme Nicole Paquet, registraire

Inscriptions (1985-1986):

2e et 3e cycles à temps plein:	21
2e et 3e cycles à temps partiel:	47

Professeurs à temps plein (1985-1986): 22

Revenu total (1985-1986): $18,665,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 10,197	54.6%
Frais de scolarité	13	0.1%
Divers	1,574	8.4%
Total partiel	$ 11,784	63.1%
Revenus d'autres sources		
Entreprises auxiliaires	$ 6,846	36.7%
Fonds à destinations spéciales et fiducies	35	0.2%
Total partiel	$ 6,881	36.9%
TOTAL	$ 18,665	100%

Historique et statut

La création de l'Institut remonte à 1938.

Dès les débuts, cette institution de recherche se caractérise par l'acquisition de connaissances nouvelles en matière de microbiologie et par la diffusion des connaissances acquises sous forme d'enseignement, de fabrication de produits biologiques et diagnostiques et de services spécialisés. L'objectif ultime de l'Institut s'identifie à la mise en valeur des résultats des travaux de recherche au profit des communautés québécoises, canadiennes et internationales.

L'Institut Armand-Frappier est un établissement d'enseignement et de recherche public, mixte et non confessionnel.

Le développement de l'Institut débute avec l'importante contribution dans le domaine de la tuberculose, la fabrication de sérum humain desséché, en temps de guerre, la fabrication de vaccins bactériens et par des travaux de pionniers sur les maladies virales.

Le second souffle de développement sera marqué par le rayonnement croissant de l'Institut à l'étranger et surtout par l'intensification de la recherche, de la production et des services dans le domaine de la prévention des maladies virales.

La troisième étape de développement est marquée par le regroupement de ses forces actives dans Ville de Laval, par le développement accéléré du secteur de l'immunologie et la poussée nouvelle vers l'étude de pathologies telles que le cancer, la lèpre, la sclérose en plaques, la rougeole et la rubéole.

En 1972, l'Institut Armand-Frappier devient un établissement de l'Université du Québec. L'Institut conserve sa vocation originelle et intensifie ses recherches en matière de médecine préventive avec le développement de l'épidémiologie orientée vers le milieu du travail. Cette quatrième étape est marquée par une accélération des programmes d'enseignement supérieur.

Une restructuration des activités de recherche et de production caractérise le dynamisme de l'Institut Armand-Frappier par l'intensification et la diversification des activités en matière de biotechnologie et de bioindustrie: développement de la microbiologie appliquée et industrielle orientée vers les produits biologiques et diagnostiques.

Bibliothèque

L'Institut possède une bibliothèque renfermant plus de 4000 volumes. Professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de l'Institut Armand-Frappier. En outre, les services informatiques sont équipés d'un HP3000 et utilisent le CYBER 825 du réseau de l'Université du Québec.

Programmes et grades

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Au troisième cycle, le doctorat de recherche de 90 crédits renferme au moins 60 crédits de recherche.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

L'Institut Armand-Frappier offre les programmes suivants:

Maîtrise en microbiologie appliquée (MSc)
Maîtrise en virologie (MSc)
Doctorat en virologie (PhD)

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

2e cycle

Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent; ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

3e cycle

Le candidat doit être titulaire d'un grade de maître ou l'équivalent, ou être titulaire d'un grade de bachelier et posséder les connaissances requises et une formation appropriée.

Condition particulière

Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers

Les dossiers de ces candidats sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Institut Armand-Frappier.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'Institut Armand-Frappier, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non-crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'Institut Armand-Frappier peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'Institut Armand-Frappier (Conseil d'administration, Commission de la recherche), mais aussi au niveau de chaque programme (Comité de programme).

Recherche

Centre de recherche en bactériologie. Directeur: V. Portelance, MSc, PhD

Centre de recherche en sciences appliquées à l'alimentation. Directeur: Marcel Gagnon, MSc, PhD

Centre de recherche en épidémiologie et en médecine préventive. Directeur: L. Frappier-Davignon, BA, MD, MPh

Centre de recherche en immunologie. Directeur: J.M. Dupuis, MD

Centre de recherche en médecine comparée. Directeur: Roger Ruppanner, MScVét, DrMédVét

Centre de recherche en virologie. Directeur: Serge Belloncik, DSc

Institut national de la recherche scientifique

Renseignements généraux

Adresse: 2700, rue Einstein, Sainte-Foy (Québec) G1V 4C7
Téléphone: (418) 654-2573

Directeur général: André Lemay, DSc

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Réal Pelland, registraire

Inscriptions (1985-1986):
2e et 3e cycles à temps plein: 39
2e et 3e cycles à temps partiel: 67

Professeurs à temps plein (1985-1986): 41

Revenu total (1985-1986): $19,825,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 15,186	76.6%
Frais de scolarité	41	0.2%
Dons	325	1.6%
Divers	508	2.6%
Total partiel	$ 16,060	81.0%
Revenus d'autres sources		
Fonds à destinations spéciales et fiducies	$ 50	0.3%
Recherche commanditée	3,715	18.7%
Total partiel	$ 3,765	19.0%
TOTAL	$ 19,825	100%

Historique et statut

C'est dans le cadre de la Loi de l'Université du Québec adoptée le 18 décembre 1968, que l'Institut national de la recherche scientifique a été créé le 9 décembre 1969.

L'Institut national de la recherche scientifique est un établissement d'enseignement public, mixte et non confessionnel et fait partie de l'Université du Québec.

L'Institut national de la recherche scientifique effectue un type de recherche universitaire orientée dans des centres interdisciplinaires ordonnés au développement économique du Québec. Il constitue ainsi un lien d'action pour la recherche orientée à partir de missions scientifiques axées sur des programmes de recherche bien définis.

Il compte actuellement sept centres de recherche: l'INRS-Eau et l'INRS-Géoressources à Québec, l'INRS-Urbanisation, l'INRS-Santé et l'INRS-Télécommunications à Montréal, l'INRS-Énergie à Varennes et l'INRS-Océanologie à Rimouski. Deux de ces centres ont été créés en collaboration avec des centres scientifiques déjà existants, de façon à permettre une participation accrue des compétences et des foyers d'excellence dont le milieu québécois dispose déjà hors des campus universitaires.

Bibliothèque

La bibliothèque de l'Institut national de la recherche scientifique comprend 25,000 volumes et 600 périodiques. Professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de l'Institut national de la recherche scientifique. Ses services informatiques sont équipés avec un HP 1000 et un HP 3000, un PDP 11/45 et un PDP 11/25 et utilisent également le CYBER 825 du réseau de l'Université du Québec.

Programmes et grades

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Au troisième cycle, le doctorat de recherche de 90 crédits renferme au moins 60 crédits de recherche.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

L'Institut national de la recherche scientifique offre les programmes suivants:
Maîtrise en analyse et gestion urbaines (MA)
Maîtrise en pharmacologie (MSc)
Maîtrise en sciences de l'eau (MSc)
Maîtrise en sciences de l'énergie (MSc)
Maîtrise en télécommunications (MSc)
Doctorat en sciences de l'eau (PhD)
Doctorat en sciences de l'énergie (PhD)

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

2e cycle

Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

3e cycle

Le candidat doit être titulaire d'un grade de maître ou l'équivalent, ou être titulaire d'un grade de bachelier et posséder les connaissances requises et une formation appropriée.

Condition particulière

Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers

Les dossiers de ces candidats sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois" publié chaque année par l'Université du Québec.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Institut national de la recherche scientifique.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

A l'Institut national de la recherche scientifique, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

L'Institut encourage vivement les étudiants à se prévaloir des programmes de bourses d'études des organismes subventionnaires publics ou privés. Cependant, sous réserve de l'excellence du dossier universitaire, l'Institut offre un certain nombre de bourses de prestige, à partir de ces fonds externes de recherche.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'Institut national de la recherche scientifique peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'Institut national de la recherche scientifique (Conseil d'administration, Commission de la recherche), mais aussi au niveau de chaque programme (Comité de programme).

Recherche

INRS-Eau. Directeur: M. Slivitky, DSc

INRS-Énergie. Directeur: J.G. Martel, PhD

INRS-Géoressources. Directeur: R.-J. Lamarche

INRS-Océanologie. Directeur: P. Mayzaud, MSc, Dr3ecy, DrÉtatScNat

INRS-Santé. Directeur: R. Dugal, MSc, PhD

INRS-Télécommunications. Directeur: M.L. Blostein, BScA, PhD

INRS-Urbanisation. Directeur: M. Polèze

Télé-université

Renseignements généraux

Adresse: 214, avenue St-Sacrement, Québec (Québec) G1N 4M6
Téléphone: (418) 657-2262

Directeur général: J.-G. Béliveau, LPéd

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Guy Savoie, registraire

Inscriptions (1985-1986):

1er cycle à temps plein:	39
1er cycle à temps partiel:	10,603

Professeurs à temps plein (1985-1986): 22

Revenu total (1985-1986): $14,789,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 12,865	87.0%
Frais de scolarité	1,125	7.6%
Dons	62	0.4%
Divers	709	4.8%
Total partiel	$ 14,761	99.8%
Revenus d'autres sources		
Fonds à destinations spéciales et fiducies	$ 8	0.1%
Recherche commanditée	20	0.1%
Total partiel	$ 28	0.2%
TOTAL	$ 14,789	100%

Historique et statut

La Télé-université a été constituée au terme de nombreuses études portant sur l'opportunité d'implanter au Québec, à l'instar de nombreux autres pays, des programmes de formation à distance. La Commission de la Télé-université a été créée en octobre 1972.

En juin 1974, compte tenu d'une situation qui a considérablement évolué et suite à une clarification des modes de fonctionnement de la Télé-université, l'Assemblée des gouverneurs créait une "Direction générale de la Télé-université" administrée par une commission en vertu de l'article 22 de la loi de l'Université du Québec. La Télé-université devient alors "un organisme expérimental", responsable de la formation au même titre qu'une unité constituante, à vocation limitée toutefois et répondant aux missions qui lui sont attribuées par l'Assemblée des gouverneurs. En 1979, au terme d'une évaluation des actions de formation à distance, l'Université du Québec recommande au ministre de l'Éducation l'institution d'une école supérieure de formation à distance sous le nom de Télé-université.

La Télé-université offre un enseignement universitaire à distance destiné aux adultes et ce, en conformité avec les objectifs d'éducation permanente et les politiques d'accessibilité de l'Université du Québec. Elle développe la formation à distance sur l'ensemble du territoire du Québec en s'appuyant sur les ressources du réseau d'établissements universitaires et les ressources du milieu éducatif en général. Elle favorise l'étude "à domicile" et l'autonomie dans la démarche d'apprentissage de l'étudiant en offrant toutefois un service d'encadrement qui lui permette de recourir à des moyens et à un support pédagogique adaptés à ses besoins.

La Télé-université a soumis, à l'hiver 1985, à l'approbation de l'Assemblée des gouverneurs de l'Université du Québec les orientations qu'elle entend retenir pour diriger son développement à moyen terme dans le cadre de l'axe de développement qui lui est reconnu: information et communication et des pôles institutionnels que sont la technodidactique, les techniques de communication et la formation continue.

La Télé-université fait partie d'un réseau d'institutions universitaires d'enseignement et de recherche publiques, mixtes et non confessionnelles qui constituent l'Université du Québec.

Bibliothèque

La Télé-université possède une bibliothèque renfermant plus de 9,500 volumes. Professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de la Télé-université. Ses services informatiques utilisent le CYBER 815 ainsi que le CYBER 825 du réseau de l'Université du Québec.

Programmes et grades

Au premier cycle, on délivre des certificats de premier cycle qui comportent de 24 à 36 crédits, mais normalement ils sont de 30 crédits.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

Certificat de premier cycle en connaissance de l'homme et du milieu
Certificat de premier cycle en connaissance de l'homme en société
Certificat de premier cycle en gestion prospective du travail
Certificat de premier cycle en informatique appliquée à l'éducation
Programme cadre individuel

Conditions d'admission

Condition générale

Le candidat doit posséder la connaissance du français parlé et écrit.

1er cycle

Le candidat doit être titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder des connaissances appropriées et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Condition particulière

Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Les dossiers des candidats d'autres provinces sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

Étudiants étrangers

Les dossiers de ces candidats sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni, sont admissibles au premier cycle à la Télé-université. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

Les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1er mars pour la session d'automne et le 1er novembre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à la Téluq, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par la Télé-université.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À la Télé-université, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R reporté; X abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A=4, B=3, C=2, D=1, E=0. Il n'y a pas de reprise d'examens.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à la Télé-université peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) mais également à la Commission de la Télé-université.

Recherche

Au cours des prochaines années, la Télé-université entend promouvoir et développer la recherche dans les principaux champs de la formation à distance.

Elle met en place un modèle pédagogique d'organisation apte à répondre aux besoins spécifiques de son champ de recherche. Elle souhaite élaborer et réaliser avec d'autres institutions, entreprises ou organismes des projets conjoints.

La Télé-université croit que les pratiques et la recherche active de chacune de ses trois sections de didactique, d'encadrement et de technologie éducative devraient aller dans le sens d'une techno-didactique de la formation à distance: une didactique, c'est-à-dire une activité d'enseignement qui consiste à organiser un champ de connaissances en un champ d'apprentissage directement accessible à l'étudiant; une technologie capable d'insérer ce champ d'apprentissage dans les supports de communication appropriés au message, à l'étudiant et à la réalité de la distance.

Université du Québec en Abitibi-Témiscamingue*

Renseignements généraux

Adresse: 42, rue Mgr Rhéaume est, Rouyn (Québec) J9X 5E4
Téléphone: (819) 762-0971

Recteur: Rémy Trudel, MEd, PhD

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Norman Murphy, registraire.

Agent de liaison CEGEP: Yves Drolet

Inscriptions (1985-1986):

1er cycle à temps plein:	493
1er cycle à temps partiel:	1,922
2e cycle à temps plein:	31
2e cycle à temps partiel:	52

Professeurs à temps plein (1985-1986): 56

Revenu total (1985-1986): $8,520,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 7,624	89.5%
Frais de scolarité	489	5.8%
Divers	156	1.8%
Total partiel	$ 8,269	97.1%
Revenus d'autres sources		
Entreprises auxiliaires	$ 180	2.1%
Fonds à destinations spéciales et fiducies	71	0.8%
Total partiel	$ 251	2.9%
TOTAL	$ 8,520	100%

Historique et statut

En juin 1970, l'Université du Québec à Trois-Rivières procédait à l'extension de ses services dans le Nord-Ouest québécois, par la mise sur pied des SUNOQ (Services universitaires dans le Nord-Ouest québécois). Par ailleurs, l'Assemblée des gouverneurs de l'Université du Québec, par ses résolutions du 24 mars et du 28 juillet 1971, créait sous la responsabilité du vice-président à l'enseignement, les Services universitaires dans l'Outaouais (SUNO).

Le 20 mai 1972, l'Assemblée des gouverneurs groupait ces deux unités (SUNO et SUNOQ) sous la responsabilité d'une commission chargée de l'administration et du développement de ces services. Le 22 novembre suivant, l'unification complète s'effectuait par la création d'une Direction des études universitaires dans l'Ouest québécois (DEUOQ).

Le 25 octobre 1976, le Conseil des ministres octroyait des lettres patentes, en vertu de la loi créant l'Université du Québec (Loi 88, adoptée le 18 décembre 1968, article 50). Ces lettres patentes instituaient un Centre d'études universitaires dans l'Ouest québécois (CEUOQ). Ce nouveau centre, ayant statut d'école supérieure, remplaçait le 1er janvier 1977, l'ancienne Direction des études universitaires dans l'Ouest québécois dans tous ses droits et obligations.

Le 25 septembre 1979, le Conseil d'administration du CEUOQ décidait de requérir auprès des instances compétentes, l'obtention de lettres patentes créant une "Université du Québec à Hull" et dotait la composante "Nord-Ouest québécois" d'un organisme consultatif, la Commission du Nord-Ouest, ayant pour mandat d'examiner toute question relative à l'enseignement universitaire en Abitibi-Témiscamingue.

Le 27 mai 1981, à la suite de l'octroi de lettres patentes le 10 mars 1981, créant l'Université du Québec à Hull, l'Assemblée des gouverneurs constituait le Centre d'études universitaires d'Abitibi-Témiscamingue (CEUAT). Le 20 octobre 1983, le lieutenant-gouverneur en conseil instituait par lettres patentes l'Université du Québec en Abitibi-Témiscamingue (UQAT).

L'UQAT est un établissement d'enseignement public, mixte et non confessionnel.

L'Université du Québec en Abitibi-Témiscamingue fait partie du réseau de l'Université du Québec.

L'Abitibi-Témiscamingue est maintenant dotée d'une université qui dispense des enseignements à partir de Rouyn et de Val d'Or, dans les localités suivantes: Amos, Chibougamau, La Sarre, Lebel-sur-Quévillon, Malartic, Matagami, Barraute-Senneterre, Ville-Marie et Radisson. Ces activités se regroupent dans les secteurs disciplinaires suivants: éducation, administration, sciences comptables, sciences sociales et sciences de la santé, sciences du comportement humain, arts plastiques.

Bibliothèque

La bibliothèque contient 100,000 volumes; professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de l'Université du Québec en Abitibi-Témiscamingue. Elle utilise également l'équipement informatique du réseau de l'Université du Québec (CYBER 825).

Programmes et grades

Au premier cycle, on délivre des baccalauréats et des certificats; le baccalauréat comporte 90 crédits; toutefois, celui en génie renferme 105 crédits. Le programme de baccalauréat identifié à une discipline ou un champ d'études demande un minimum de 48 crédits requis par la discipline ou le champ d'études et un minimum de neuf crédits en cours libres. Par ailleurs, le programme de baccalauréat se rapportant à des disciplines ou à des champs d'études connexes comporte un minimum de 60 crédits requis par les disciplines ou champs d'études connexes et neuf crédits en cours libres. Quant aux certificats de premier cycle, ils comportent de 24 à 36 crédits, mais normalement ils sont de 30 crédits.

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

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* Membre ordinaire de l'AUCC

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

L'Université du Québec en Abitibi-Témiscamingue offre les programmes suivants:

Programmes d'études de premier cycle

Sciences humaines
Certificat de premier cycle en animation
Certificat de premier cycle en communication
Certificat de premier cycle en droit et les citoyens
Certificat de premier cycle en gérontologie
Certificat de premier cycle en nursing communautaire
Certificat de premier cycle en perfectionnement de la pratique éducative pour les maîtres en exercice
Certificat de premier cycle en psychologie générale
Certificat de premier cycle en sciences de l'éducation
Certificat de premier cycle en travail social
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (BEd)
Baccalauréat d'enseignement en administration (BAA)
Baccalauréat d'enseignement à l'enfance inadaptée (BEd)
Baccalauréat d'enseignement professionnel (BEd)
Baccalauréat en psycho-éducation (BEd)
Baccalauréat en sciences de l'éducation (BEd)
Baccalauréat en travail social (BTS)

Arts et lettres
Certificat de premier cycle en arts plastiques
Certificat de premier cycle en enseignement du français au primaire
Certificat de premier cycle en enseignement d'une langue seconde
Baccalauréat en arts plastiques (BA)
Baccalauréat d'enseignement en études anglaises (BA)
Baccalauréat d'enseignement en études françaises (BA)
Programme cadre individuel

Sciences de la santé
Certificat de premier cycle en santé mentale
Certificat de premier cycle en santé et sécurité au travail
Certificat de premier cycle en soins infirmiers cliniques
Baccalauréat en sciences infirmières (BSc)

Sciences pures et appliquées
Certificat de premier cycle en applications pédagogiques de l'ordinateur
Certificat de premier cycle en informatique de gestion
Baccalauréat en informatique de gestion (BScA)

Sciences de l'administration
Certificat de premier cycle en administration
Certificat de premier cycle en relations de travail
Certificat de premier cycle en sciences comptables
Baccalauréat en administration (BAA)
Baccalauréat en sciences comptables (BAA)

Programmes d'études de deuxième cycle
Maîtrise en éducation (MEd)
Maîtrise en gestion des petites et moyennes organisations (MSc)
Maîtrise en gestion de projet (MSc)

Conditions d'admission

Condition générale
Le candidat doit posséder une connaissance suffisante de la langue française.

1er cycle
Le candidat doit être titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder des connaissances appropriées et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Les dossiers des candidats d'autres provinces seront évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

2e cycle
Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent; ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

Condition particulière
Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers
Les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni, sont admissibles au premier cycle à l'Université du Québec en Abitibi-Témiscamingue. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

1er cycle: les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1er mars pour la session d'automne et le 1er novembre pour la session d'hiver.

2e cycle: les demandes d'admission doivent être reçues au plus tard le 1er février pour la session d'automne et le 1er octobre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Université du Québec en Abitibi-Témiscamingue.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'Université du Québec en Abitibi-Témiscamingue, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A=4, B=3, C=2, D=1, E=0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

L'Université offre à tous ses étudiants des services d'aide financière; le candidat trouvera à ces services des informations pertinentes concernant l'aide que les gouvernements fédéral et provinciaux, les compagnies, les organismes internationaux et les pays étrangers sont en mesure de fournir aux étudiants des premier, deuxième et troisième cycles. D'autres précisions pourront y être fournies quant à l'existence de certaines bourses réservées aux étudiants de l'Université du Québec. En outre, elle organise également un service de dépannage à court terme en garantie d'une bourse ou d'un prêt à venir. La plupart des bourses ne sont accessibles qu'à des citoyens ou résidents canadiens.

Vie étudiante et services aux étudiants

La mission globale des services à la collectivité consiste à mettre à la disposition des organismes, groupes ou individus les ressources humaines ou matérielles de l'Université du Québec en Abitibi-Témiscamingue.

Les interventions des services à la collectivité s'articulent dans un cadre d'activités non créditées et sont habituellement de nature ponctuelle. La catégorisation des interventions est des sessions de perfectionnement sur mesure, l'organisation des colloques et des conférences publiques, l'organisation de conférences-ateliers, l'aide à des groupes et des sessions programmées.

De plus, l'Université du Québec en Abitibi-Témiscamingue donne à l'étudiant accès aux services d'accueil, d'information, de logement, de placement, de santé, d'animation socio-culturelle et sportive, de l'audio-visuel et de l'informatique.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'Université du Québec en Abitibi-Témiscamingue peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'Université du Québec en Abitibi-Témiscamingue (Conseil d'administration, Commission des études), mais aussi au niveau de chaque programme (Conseil de module, Comité de programme). Il y a aussi diverses associations étudiantes dont l'Association générale des étudiants de l'Université du Québec en Abitibi-Témiscamingue (AGEUQAT).

Recherche

Groupe d'animation des populations autochtones. Responsable: à nommer.

Groupe de diagnostic et de recherche en gestion de la petite et moyenne entreprise. Responsable: à nommer.

Groupe de recherche en enseignement professionnel. Responsable: à nommer.

Groupe de recherche et d'intervention sur les systèmes d'activités humaines (GRISAH). Responsable: à nommer.

Groupe de recherche en technologie minérale. Responsable: à nommer.

Groupe de travail sur le changement social et économique en Abitibi-Témiscamingue. Responsable: à nommer.

Laboratoire de didactique. Directeur: à nommer.

Laboratoire de psychologie expérimentale. Directeur: à nommer.

Université du Québec à Chicoutimi*

Renseignements généraux

Adresse: 555, boulevard de l'Université, Chicoutimi
(Québec) G7H 2B1
Téléphone: (418) 545-5011

Recteur: Alphonse Riverin, MBA

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Mario Gagné, BScCom, registraire

Agent de liaison CEGEP: Laurent Massé

Inscriptions (1985-1986):

1er cycle à temps plein:	2,420
1er cycle à temps partiel:	4,213
2e cycle à temps plein:	152
2e cycle à temps partiel:	175

Professeurs à temps plein (1985-1986): 287

Revenu total (1985-1986): $29,486,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 25,268	85.7%
Frais de scolarité	1,976	6.7%
Divers	1,822	6.2%
Total partiel	$ 29,066	98.6%
Revenus d'autres sources		
Entreprises auxiliaires	$ 420	1.4%
Total partiel	$ 420	1.4%
TOTAL	$ 29,486	100%

Historique et statut

Le 18 décembre 1968, l'Assemblée nationale du Québec créait, par la Loi 88, l'Université du Québec. Dès le mois de mars 1969, l'Université du Québec à Chicoutimi recevait ses propres lettres patentes et commençait à donner de l'enseignement en septembre de la même année. Son implantation a pu se faire assez rapidement grâce au regroupement d'établissements d'enseignement de niveau universitaire déjà à l'oeuvre dans la région depuis plusieurs années: l'École de commerce, l'École de génie, le Centre de formation des maîtres et le Grand Séminaire de Chicoutimi. De plus, dès 1959, des citoyens, conscients des besoins de formation universitaire au Saguenay-Lac-Saint-Jean, avaient constitué ce qu'on appelait "Le Groupe Saint-Thomas". Cette corporation réalisa de nombreuses études qui firent apparaître plus clairement encore la nécessité de fonder une maison d'enseignement supérieur dans la région. La clairvoyance et le sérieux des études du Groupe comptèrent pour beaucoup dans la décision du gouvernement du Québec de doter le Saguenay-Lac-Saint-Jean de services universitaires plus complets.

L'Université du Québec à Chicoutimi est un établissement d'enseignement public, mixte et non confessionnel et fait partie du réseau de l'Université du Québec.

Implantée au coeur d'une vaste région, l'Université du Québec à Chicoutimi est fortement engagée dans son milieu et soucieuse de servir la collectivité régionale. C'est pourquoi ses programmes d'études sont offerts non seulement à Chicoutimi, mais également dans des centres hors campus à Alma, à Saint-Félicien, à la Malbaie et sur la Côte-Nord où elle donne de l'enseignement à Sept-Îles et dans plusieurs localités du Nouveau-Québec.

L'Université du Québec à Chicoutimi compte plus de 7,000 étudiants qui suivent des cours à Chicoutimi même, ainsi que dans des centres d'études hors campus. Elle leur offre près de quatre-vingts programmes d'études et elle est en train de développer intensément les études de maîtrise et de doctorat, de même que les activités de recherche portant principalement sur les questions scientifiques reliées à la problématique régionale. C'est ainsi qu'elle poursuit cent cinquante projets de recherche qui mettent à contribution les efforts et la concertation de cent soixante chercheurs de toutes disciplines auxquels sont également associés des étudiants.

En outre, l'Université du Québec à Chicoutimi a mis sur pied, dès 1971, le Centre de recherche du Moyen-Nord qui devient en 1984, le Centre d'études sur les ressources minérales. Il a comme objet principal de favoriser l'avancement des études supérieures et de la recherche plus spécialement vouée à la solution de problèmes régionaux. En ce sens, elle est solidement appuyée par la Fondation de l'Université du Québec à Chicoutimi qui consacre, chaque année, d'importants revenus de placements à des projets de recherche d'intérêt régional.

Depuis septembre 1982, l'Université du Québec à Chicoutimi donne tout son enseignement sur son campus dans de nouveaux locaux construits en prolongement d'un premier pavillon que l'Université occupe depuis 1974. Le pavillon de la rue Jacques-Cartier continue à loger l'administration et quelques autres services.

Peu après la tenue des Jeux du Canada de 1983, la Société des Jeux a remis à l'Université le pavillon sportif construit pour cette occasion sur le site même du campus universitaire.

Cet intense foyer intellectuel est pourvu de toutes les installations et activités socio-culturelles et sportives que recherche l'étudiant soucieux de son développement intégral. L'atmosphère et la situation propres à l'Université du Québec à Chicoutimi facilitent davantage cet épanouissement. L'Université du Québec à Chicoutimi est, en effet, située dans un cadre naturel exceptionnellement favorisé et bien connu pour offrir une qualité de vie incomparable.

Terrains et bâtiments

L'Université du Québec à Chicoutimi dispense son enseignement dans un pavillon situé sur le campus. Elle dispose également de deux autres pavillons, l'un où sont regroupés tous les services administratifs et l'autre entièrement conçu pour l'activité sportive. De plus, l'Université possède une station d'enseignement et de recherche située dans les Laurentides à environ 30 kilomètres du campus.

Bibliothèque

La bibliothèque comprend 185,000 volumes; professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de l'Université du Québec à Chicoutimi. En outre, les services informatiques utilisent les équipements VAX 780 et le CYBER 825 du réseau de l'Université du Québec.

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* Membre ordinaire de l'AUCC

Programmes et grades

Au premier cycle, on délivre des baccalauréats et des certificats; le baccalauréat comporte 90 crédits; toutefois, celui en génie renferme 105 crédits. Le programme de baccalauréat identifié à une discipline ou un champ d'études demande un minimum de 48 crédits requis par la discipline ou le champ d'études et un minimum de neuf crédits en cours libres. Par ailleurs, le programme de baccalauréat se rapportant à des disciplines ou à des champs d'études connexes comporte un minimum de 60 crédits requis par les disciplines ou champs d'études connexes et neuf crédits en cours libres. Quant aux certificats de premier cycle, ils comportent de 24 à 36 crédits, mais normalement ils sont de 30 crédits.

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

L'Université du Québec à Chicoutimi offre les programmes suivants:

Programmes d'études de premier cycle

Sciences de la santé
Certificat de premier cycle en nursing communautaire
Baccalauréat en sciences infirmières (BSc)

Sciences pures et appliquées
Certificat de premier cycle en application de l'informatique
Certificat de premier cycle en sciences de l'environnement
Baccalauréat en biologie (BSc)
Baccalauréat en chimie (BSc)
Baccalauréat d'enseignement en biologie (BSc)
Baccalauréat d'enseignement en chimie (BSc)
Baccalauréat d'enseignement en mathématiques (BSc)
Baccalauréat d'enseignement en physique (BSc)
Baccalauréat en génie géologique (BIng)
Baccalauréat en génie unifié (BIng)
Baccalauréat en géologie (BSc)
Baccalauréat en mathématiques-informatique (BSc)
Baccalauréat en physique (BSc)

Sciences humaines
Certificat de premier cycle en andragogie
Certificat de premier cycle en animation
Certificat de premier cycle en enfance inadaptée
Certificat de premier cycle en gérontologie
Certificat de premier cycle en réadaptation sociale
Certificat de premier cycle en santé et sécurité au travail
Certificat de premier cycle en sciences de l'activité physique
Certificat de premier cycle en sciences de l'éducation
Certificat de premier cycle en sciences religieuses
Certificat de premier cycle en travail social
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (BEd)
Baccalauréat d'enseignement à l'enfance inadaptée (BEd)
Baccalauréat d'enseignement en géographie (BSc)
Baccalauréat d'enseignement en histoire (BA)
Baccalauréat d'enseignement en sciences religieuses (BA)
Baccalauréat d'enseignement technologique et professionnel (BEd)
Baccalauréat en géographie (BSc)
Baccalauréat en histoire (BA)
Baccalauréat en sciences de l'activité physique (BSc)
Baccalauréat en sciences politiques (BA)
Baccalauréat en sciences sociales (BA)
Baccalauréat en théologie (BTh)

Sciences de l'administration
Certificat de premier cycle en administration
Certificat de premier cycle en gestion d'entretien
Certificat de premier cycle en gestion des ressources humaines
Certificat de premier cycle en informatique de gestion
Certificat de premier cycle en sciences comptables
Baccalauréat en administration (BAA)
Baccalauréat d'enseignement en administration (BAA)

Arts
Certificat de premier cycle en art et artisanat
Certificat de premier cycle en études cinématographiques
Certificat de premier cycle en histoire de l'art
Certificat de premier cycle en théâtre
Baccalauréat en arts plastiques (BA)
Baccalauréat d'enseignement en arts plastiques (BA)

Lettres
Certificat de premier cycle en anglais langue seconde
Certificat de premier cycle en enseignement du français au primaire
Certificat de premier cycle en enseignement du français au secondaire
Certificat de premier cycle en espagnol
Certificat de premier cycle en français pour non-francophones
Certificat de premier cycle en langues modernes
Certificat de premier cycle en techno-linguistique autochtone
Baccalauréat d'enseignement en anglais, langue seconde (BA)
Baccalauréat d'enseignement en études françaises (BA)
Baccalauréat en études littéraires françaises (BA)
Baccalauréat en linguistique (BA)
Programme cadre individuel
Programme court de premier cycle d'apprentissage du français parlé et écrit pour non-francophones

Programmes d'études de deuxième cycle
Maîtrise en arts plastiques (MA)

Maîtrise en éducation (MEd)
Maîtrise en études littéraires (MA)
Maîtrise en études régionales (MA)
Maîtrise en gestion des petites et moyennes organisations (MSc)
Maîtrise en gestion de projet (MSc)
Maîtrise en linguistique (MA)
Maîtrise en mathématiques (MSc)
Maîtrise en productivité aquatique (MSc)
Maîtrise en ressources et systèmes (MScA)
Maîtrise en sciences de la terre (MScA)
Maîtrise en théologie (MTh)

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

1er cycle

Le candidat doit être titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder des connaissances appropriées et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Les dossiers des candidats d'autres provinces sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

2e cycle

Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent; ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

Condition particulière

Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers

Les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées des étudiants du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni, sont admissibles au premier cycle à l'Université du Québec à Chicoutimi. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

1er cycle: les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1er mars pour la session d'automne et le 1er novembre pour la session d'hiver.

2e cycle: les demandes d'admission doivent être reçues au plus tard le 1er février pour la session d'automne et le 1er octobre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Université du Québec à Chicoutimi.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'Université du Québec à Chicoutimi, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

Ce service a pour fonction d'acheminer, de distribuer et de réviser les prêts et bourses, conformément aux politiques et normes universitaires et gouvernementales. Elle conseille également les étudiants dans la recherche de solutions à leurs problèmes financiers. La remise des formulaires de demande de prêts et bourses doit s'effectuer avant le 30 juin. Les demandes reçues après cette date sont normalement rejetées ou diminuées.

Vie étudiante et services aux étudiants

Les objectifs sont de participer à la formation des étudiants; de promouvoir l'intégration des étudiants à la société; de faciliter la poursuite de leurs études en assurant les services socio-économiques; de faire bénéficier la communauté universitaire des services ainsi rendus; et d'humaniser le milieu universitaire. De plus, l'étudiant a accès à de nombreux services tels que la santé, le placement, les activités sportives et l'informatique. En outre, cette institution possède des résidences universitaires pour recevoir environ 120 étudiants. Le critère de sélection considéré est l'ordre d'arrivée des réservations.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'Université du Québec à Chicoutimi peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'Université du Québec à Chicoutimi (Conseil d'administration, Commission des études), mais aussi au niveau de chaque programme (Conseil de module, Comité de programme). Il y a aussi diverses associations étudiantes dont l'Association générale des étudiants de l'Université du Québec à Chicoutimi (AGEUQAC).

Recherche

Centre d'études sur les ressources minérales. Directeur: à nommer.

Groupe de recherche en productivité végétale. Directeur: à nommer.

Groupe de recherche en ingénierie de l'environnement atmosphérique. Directeur: à nommer.

Groupe de recherche et d'intervention régionale. Directeur: à nommer.

Université du Québec à Hull*

Renseignements généraux

Adresse: Case postale 1250, Succursale "B", Hull
(Québec) J8X 3X7
Téléphone: (819) 776-8200

Recteur: Jacques Plamondon, PhD

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Richard Bérubé, registraire

Agent de liaison CEGEP: Pierre Boucher

Inscriptions (1985-1986):

1^er^ cycle à temps plein:	1,345
1^er^ cycle à temps partiel:	3,768
2^e^ et 3^e^ cycles à temps plein:	13
2^e^ et 3^e^ cycles à temps partiel:	241

Professeurs à temps plein (1985-1986): 69

Revenu total (1985-1986): $16,828,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 15,160	90.1%
Frais de scolarité	1,218	7.2%
Divers	450	2.7%
TOTAL	$ 16,828	100%

Historique et statut

En juin 1970, l'Université du Québec à Trois-Rivières procédait à l'extension de ses services dans le Nord-Ouest québécois, par la mise sur pied des SUNOQ (Services universitaires dans le Nord-Ouest québécois). Par ailleurs, l'Assemblée des gouverneurs de l'Université du Québec, par ses résolutions du 24 mars et du 28 juillet 1971, créait sous la responsabilité du vice-président à l'enseignement les Services universitaires dans l'Outaouais (SUNO).

Le 20 mai 1972, l'Assemblée des gouverneurs groupait ces deux unités (SUNO et SUNOQ) sous la responsabilité d'une commission chargée de l'administration et du développement de ces services. Le 22 novembre suivant, l'unification complète s'effectuait par la création d'une Direction des études universitaires dans l'Ouest québécois (DEUOQ).

Par la suite, le 25 octobre 1976, le lieutenant-gouverneur en conseil octroyait des lettres patentes en vertu de la loi créant l'Université du Québec, afin d'instituer un Centre d'études universitaires dans l'Ouest québécois. Ce centre, ayant statut d'école supérieure, remplaçait le 1^er^ janvier 1977, l'ancienne Direction des études universitaires dans l'Ouest québécois dans tous ses droits et obligations. Il avait son siège social à Hull et dispensait des enseignements dans les régions du Nord-Ouest québécois et dans l'Outaouais. Enfin, le 10 mars 1981, le lieutenant-gouverneur en conseil instituait par lettres patentes L'Université du Québec à Hull (UQAH) pour succéder au Centre d'études universitaires dans l'Ouest québécois. Peu de temps après, c'est-à-dire le 30 avril 1981, la partie Outaouais du Centre d'études universitaires dans l'Ouest québécois a été cédée et transportée à l'Université du Québec à Hull (UQAH) tandis que la partie Nord-Ouest a été cédée et transportée à l'Université du Québec, le 31 mai 1981.

L'Université du Québec à Hull est un établissement d'enseignement public, mixte et non confessionnel et fait partie du réseau de l'Université du Québec.

Les activités d'enseignement de l'Université du Québec à Hull se regroupent autour des secteurs éducation, psycho-éducation et orthopédagogie, arts, lettres, administration, relations industrielles, informatique, sciences comptables, sciences sociales et sciences de la santé. L'Université du Québec à Hull offre vingt-six programmes de certificats, vingt et un programmes de baccalauréat, deux programmes de maîtrise et quatre programmes de diplôme de deuxième cycle. Ces programmes sont dispensés par soixante-neuf professeurs à temps complet. En outre, l'Université dispense également des activités d'enseignement dans des sous-centres (L'Annonciation, Buckingham, Fort-Coulonge, Lachute, Maniwaki, Mont-Laurier, Ste-Agathe-des-Monts et St-Jovite). De plus, l'Université participe à des programmes d'échange d'étudiants avec des universités américaines (Californie, Nouvelle-Angleterre, New York, Dakota, Nouveau-Mexique), ontariennes, de la Nouvelle-Écosse, de la France et de la Grande-Bretagne.

L'Université du Québec à Hull est une université en pleine croissance dont le dynamisme profitera à l'Outaouais. Aussi, sa proximité de la capitale fédérale est un facteur qui influencera positivement son expansion au cours de la prochaine décennie.

Terrains et bâtiments

L'Université occupe deux campus au coeur de la ville de Hull et loue d'autres surfaces afin de pourvoir, tant à ses besoins d'enseignement et de recherche qu'à ceux de son administration.

Bibliothèque

La bibliothèque renferme plus de 50,000 volumes; professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de l'Université du Québec à Hull. En outre, les services informatiques utilisent les équipements VAX 780 et le CYBER 825 du réseau de l'Université du Québec.

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* Membre ordinaire de l'AUCC

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L'Université du Québec à Hull offre les programmes suivants:

Programmes d'études de premier cycle

Module administration
Certificat de premier cycle en administration
Certificat de premier cycle en économique
Baccalauréat en administration (cheminement général) (BAA)

Module éducation
Certificat de premier cycle en application pédagogique de l'ordinateur
Certificat de premier cycle en éducation de la prime enfance
Certificat de premier cycle en éducation morale
Certificat de premier cycle en enseignement d'une langue seconde
Certificat de premier cycle en enseignement des mathématiques
Certificat de premier cycle en sciences de l'éducation (cheminement général)
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (BEd)
Baccalauréat d'enseignement en administration (BAA)
Baccalauréat d'enseignement en études anglaises (BA)
Baccalauréat d'enseignement en géographie (BSc)
Baccalauréat d'enseignement en histoire (BA)
Baccalauréat en sciences de l'éducation (BEd)

Module informatique
Certificat de premier cycle en enseignement de l'initiation à l'informatique (programme court de premier cycle)
Certificat de premier cycle en informatique de gestion
Certificat de premier cycle en micro-informatique
Certificat de premier cycle en microsystèmes
Baccalauréat en informatique (BScA)

Module psycho-éducation et orthopédagogie
Certificat de premier cycle en psychomotricité
Baccalauréat en orthopédagogie (BEd)
Baccalauréat en psycho-éducation (BEd)

Module relations industrielles
Certificat de premier cycle en relations industrielles
Certificat de premier cycle en santé et sécurité au travail
Baccalauréat en administration (cheminement relations industrielles) (BAA)

Module sciences comptables
Certificat de premier cycle en comptabilité générale
Certificat de premier cycle en sciences comptables
Baccalauréat en sciences comptables (BAA)

Module sciences de la santé
Certificat de premier cycle en nursing communautaire
Certificat de premier cycle en soins infirmiers cliniques
Baccalauréat en sciences infirmières (BSc)

Module sciences sociales
Certificat de premier cycle en animation
Certificat de premier cycle en gérontologie
Certificat de premier cycle en travail social
Baccalauréat en sciences sociales (BA)
Baccalauréat en travail social (BTS)

Module arts, lettres et formation continue
Certificat de premier cycle en arts plastiques
Certificat de premier cycle en enseignement du français au primaire
Certificat de premier cycle en enseignement du français au secondaire
Certificat de premier cycle en expression française écrite
Certificat de premier cycle en sciences de l'éducation (cheminement professionnel)
Certificat de premier cycle en traduction pratique
Baccalauréat en arts plastiques (BA)
Baccalauréat d'enseignement en études françaises (BA)
Baccalauréat d'enseignement professionnel (BEd)
Baccalauréat en études littéraires (BA)

Bureau du doyen des études de premier cycle
Baccalauréat en informatique (cheminement informatique de gestion)

Programmes d'études de deuxième cycle
Diplôme de deuxième cycle en andragogie
Diplôme de deuxième cycle en géronto-thanatologie
Diplôme de deuxième cycle en management des services publics régionaux
Diplôme de deuxième cycle en technologie éducative
Maîtrise en éducation (MEd)
Maîtrise en gestion de projet (MSc)

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

1^{er} cycle

Le candidat doit être titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder des connaissances appropriées et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Les dossiers des candidats d'autres provinces seront évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

2e cycle

Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent; ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

Condition particulière

Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers

Les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni, sont admissibles au premier cycle à l'Université du Québec. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

1er cycle: les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1er mars pour la session d'automne et le 1er novembre pour la session d'hiver.

2e cycle: les demandes d'admission doivent être reçues au plus tard le 1er février pour la session d'automne et le 1er octobre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Université du Québec à Hull.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'Université du Québec à Hull, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

L'Université offre à tous ses étudiants des services d'aide financière; le candidat trouvera à ces services des informations pertinentes concernant l'aide que les gouvernements fédéral et provinciaux, les compagnies, les organismes internationaux et les pays étrangers sont en mesure de fournir aux étudiants des premier et deuxième cycles. D'autres précisions pourront y être fournies quant à l'existence de certaines bourses réservées aux étudiants de l'Université du Québec. En outre, elle organise également un service de dépannage à court terme en garantie d'une bourse ou d'un prêt à venir. La plupart des bourses ne sont accessibles qu'à des citoyens ou résidents canadiens.

Vie étudiante et services aux étudiants

La direction des services aux étudiants est responsable et coordonne un ensemble d'activités et de services où l'étudiant est le premier concerné. Ces services et activités ont pour but de faciliter l'intégration des étudiants au milieu universitaire et de les soutenir dans leur cheminement académique. La direction des services aux étudiants est prête à étudier tout projet novateur provenant d'étudiants ou de groupes d'étudiants. L'étudiant, de plus, a accès à de nombreux services tels que: accueil, logement, placement, santé et socio-culturel et sportif.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'Université du Québec à Hull peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'Université du Québec à Hull (Conseil d'administration, Commission des études), mais aussi au niveau de chaque programme (Conseil de module, Comité de programme). Il y a aussi diverses associations étudiantes dont l'Association générale des étudiants de l'Université du Québec à Hull (AGEUQAH).

Recherche

Groupe de recherche sur l'efficacité organisationnelle (GREFICOR). Responsable: A. Albert

Groupe de recherche sur l'innovation pédagogique et l'intervention scolaire (GRIPEIS). Responsable: M.A. Vincent, MSc, DSc

Université du Québec à Montréal*

Renseignements généraux

Adresse: 1255, rue Saint-Denis, Case postale 8888, Succursale "A", Montréal (Québec) H3C 3P8
Téléphone: (514) 282-3000

Recteur: Claude Corbo, MPhil, PhD

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au registraire, M. Ygal Leibu

Agent de liaison CEGEP: Lucille Boisselle-Roy

Inscriptions (1985-1986):

1er cycle à temps plein:	15,041
1er cycle à temps partiel:	17,864
2e et 3e cycles à temps plein:	930
2e et 3e cycles à temps partiel:	1,538

Professeurs à temps plein (1985-1986): 875

Revenu total (1985-1986): $123,528,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$108,557	87.9%
Frais de scolarité	11,257	9.1%
Divers	835	0.7%
Total partiel	$120,649	97.7%
Revenus d'autres sources		
Entreprises auxiliaires	$ 3,706	3.0%
Sous-total	$124,355	100.7%
Contribution réseau et prélèvements UQ	827	0.7%
TOTAL	$123,528	100%

Historique et statut

L'Université du Québec à Montréal (UQAM) a été créée par le gouvernement du Québec dans le cadre de la loi sur l'Université du Québec, adoptée le 18 décembre 1968. L'UQAM est un établissement d'enseignement public, mixte et non-confessionnel. Les premiers cours ont été offerts à l'automne 1969 et les premiers diplômes ont été décernés en 1971.

Née de la fusion d'établissements préexistants (les Écoles normales Jacques-Cartier et Ville-Marie, l'École normale d'enseignement technique, l'École des Beaux-Arts et le Collège Sainte-Marie), l'Université du Québec à Montréal est une université à vocation générale: elle offre aujourd'hui plus de cent programmes d'études de premier cycle et une quarantaine de programmes d'études de deuxième et de troisième cycles. En 1985-1986 ses professeurs ont obtenu $8,500,000 en subventions, contrats et commandites de recherche. À l'automne 1985, les effectifs d'étudiants étaient de 35,694. À ses débuts, l'UQAM occupait divers édifices, pour la plupart loués, au centre-ville. En 1979, elle inaugurait la phase I de son nouveau campus. Elle vient d'entreprendre la construction de la phase II. Situé en plein coeur de l'historique quartier latin de Montréal, ce complexe occupe les sites de l'ancienne église Saint-Jacques, de l'Université Laval à Montréal devenue l'Université de Montréal en 1920, contribuant ainsi à la renaissance d'un quartier montréalais riche en histoire sociale et culturelle.

Les droits et pouvoirs de l'Université sont exercés par un Conseil d'administration dont les membres sont nommés par le gouvernement du Québec. Composé du recteur et de quinze personnes représentatives de la communauté universitaire et du milieu socio-économique, le Conseil définit les grandes orientations de l'Université. À l'occasion, il adopte les règlements de régie interne de l'UQAM et voit à la bonne gestion des biens de l'institution.

L'administration courante de l'Université relève du Comité exécutif. Les pouvoirs qu'il exerce lui sont conférés par le Conseil d'administration. Ce comité se compose du recteur, qui le préside, et de six autres personnes que le conseil d'administration nomme parmi ses membres: trois vice-recteurs, un représentant des professeurs, un représentant des étudiants et un représentant du milieu socio-économique.

Sous l'autorité du Conseil d'administration, la Commission des études est le principal organisme responsable de l'enseignement et de la recherche. Sous réserve des règlements généraux de l'Université du Québec, elle prépare et soumet à l'approbation du Conseil d'administration les règlements internes ayant trait à l'enseignement, lui fait des recommandations concernant la coordination de l'enseignement et de la recherche et exerce les responsabilités qui lui sont expressément confiées. La Commission des études a le pouvoir d'instituer des sous-commissions et des comités dont elle détermine la composition et le mandat, tels que la sous-commission du premier cycle, la sous-commission des études avancées, de la recherche et de la création, la sous-commission des ressources et le comité des services à la collectivité.

Cette commission se compose des personnes suivantes: le recteur, le vice-recteur à l'enseignement et à la recherche, le doyen des études de premier cycle, la doyenne des études avancées et de la recherche, six professeurs et six étudiants. Le registraire est membre de cette commission sans droit de vote.

Terrains et bâtiments

À ses débuts, l'Université du Québec à Montréal occupait une douzaine d'édifices dispersés, au centre-ville, dans un rayon de plus d'un mille. En 1979, l'UQAM regroupa une bonne partie de ses services dans son nouveau campus, situé entre les rues de Maisonneuve, Berri, Dorchester et Sanguinet. Cette localisation au centre-ville exprime la volonté de l'UQAM d'être une université urbaine, accessible à la population. Le complexe actuel, qui ne représente que la phase I du nouveau campus, comporte deux pavillons: Judith-Jasmin et Hubert-Aquin. Les travaux de la phase II s'échelonneront de 1986 à 1990.

Bibliothèques

Le service des bibliothèques de l'UQAM a pour objectif de fournir à la communauté universitaire les ressources documentaires nécessaires à l'enseignement, à la recherche et à la création. Les tâches consistent à acquérir, à organiser et à diffuser la documentation requise pour les programmes d'enseignement et de recherche. La bibliothèque compte 1,018,828 volumes et 8,363 abonnements à des périodiques (308,877 volumes de périodiques).

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* Membre ordinaire de l'AUCC

Programmes et grades

L'UQAM offre des programmes conduisant à des grades aux trois cycles d'études. Elle offre également des programmes conduisant à des diplômes au 1^{er} et au 2^e cycles.

1^{er} cycle

L'obtention du grade de bachelier requiert la réussite d'un programme de 90 crédits. Cela exige habituellement six sessions, à raison de cinq cours par session.

L'obtention du diplôme de certificat de premier cycle requiert la réussite d'un programme de 30 crédits.

À certaines conditions on peut obtenir un grade de bachelier par cumul de programmes et de diplômes de certificats de premier cycle, d'une valeur totale de 90 crédits.

2^e cycle

L'obtention du grade de maître requiert la réussite de programmes de 45 ou de 60 crédits. Cela exige de trois à quatre sessions.

L'obtention du diplôme de 2^e cycle d'une valeur de 30 crédits exige deux sessions.

3^e cycle

Le grade de docteur requiert la réussite d'un programme de 90 crédits, d'une durée de six sessions.

On trouvera des détails sur les programmes au chapitre **Grades et diplômes.**

Administration

Certificat de premier cycle en administration
Certificat de premier cycle en administration de services
Certificat de premier cycle en administration des services publics
Certificat de premier cycle en affaires immobilières
Certificat de premier cycle en analyse financière
Certificat de premier cycle en comptabilité générale
Certificat de premier cycle en gestion de la main-d'oeuvre
Certificat de premier cycle en gestion des politiques scolaires
Certificat de premier cycle en gestion des services municipaux
Certificat de premier cycle en gestion du personnel et des relations du travail
Certificat de premier cycle en gestion informatisée
Certificat de premier cycle en marketing
Certificat de premier cycle en sciences comptables
Baccalauréat en administration (BAA)
Baccalauréat d'enseignement en administration (BAA)
Baccalauréat en comptabilité de management (BAA)
Baccalauréat en gestion et intervention touristiques (BAA)
Baccalauréat en sciences comptables (BAA)
Maîtrise en administration des affaires (MBA)
Maîtrise en gestion de projet (MSc)
Doctorat en administration (PhD)

Arts

Certificat de premier cycle d'initiation à la scénarisation cinématographique
Certificat de premier cycle en arts d'impression
Certificat de premier cycle en arts plastiques
Certificat de premier cycle en peinture
Certificat de premier cycle en sculpture
Baccalauréat en art dramatique (BA)
Baccalauréat en arts plastiques (BA)
Baccalauréat en danse (BA)
Baccalauréat en design de l'environnement (BA)
Baccalauréat en design graphique (BA)
Baccalauréat en histoire de l'art (BA)
Baccalauréat en musique (BMus)
Maîtrise en art dramatique (MA)
Maîtrise en arts plastiques (MA)
Maîtrise en études des arts (MA)

Bibliothéconomie

Certificat de premier cycle en gestion des documents et des archives historiques

Communications

Certificat de premier cycle en communication
Baccalauréat en communication (BA)
Baccalauréat en psychosociologie de la communication (BA)
Maîtrise en communication (MA)

Droit

Certificat de premier cycle en droit social et du travail
Baccalauréat en sciences juridiques (LLB)

Éducation

Certificat de premier cycle en adaptation scolaire et sociale
Certificat de premier cycle en alphabétisation
Certificat de premier cycle en application pédagogique de l'ordinateur
Certificat de premier cycle d'enseignement de l'initiation à la technologie
Certificat de premier cycle en formation au plein air
Certificat de premier cycle en pédagogie de l'audio-visuel
Certificat de premier cycle en sciences de l'éducation
Certificat de premier cycle pour formateurs d'adultes en milieu scolaire
Certificat de premier cycle pour instructeurs en milieu de travail
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (formation initiale) (BEd)
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (perfectionnement) (BEd)
Baccalauréat d'enseignement en activité physique (BSc)
Baccalauréat d'enseignement en adaptation scolaire et sociale (formation initiale) (BEd)
Baccalauréat d'enseignement en adaptation scolaire et sociale (perfectionnement) (BEd)
Baccalauréat d'enseignement professionnel (BEd)
Baccalauréat en information scolaire et professionnelle (BEd)
Certificat de deuxième cycle d'intégration de la recherche à la pratique éducative
Maîtrise en éducation (MA, MEd)
Maîtrise en enseignement au primaire (MEd)
Maîtrise en kinanthropologie (MSc)

Environnement

Certificat de premier cycle en écologie
Certificat de premier cycle en sciences de l'environnement
Maîtrise en sciences de l'atmosphère (MSc)
Maîtrise en sciences de l'environnement (MSc)

Études régionales

Certificat de premier cycle d'études appliquées en urbanisme
Baccalauréat en urbanisme (BUrb)
Maîtrise en analyse et gestion urbaines (MA)

Langues et littérature

Certificat de premier cycle en création littéraire

Certificat de premier cycle en enseignement des langues secondes
Certificat de premier cycle en études du langage
Certificat de premier cycle en français écrit
Certificat de premier cycle en langues et cultures dans la société québécoise
Certificat de premier cycle en littérature de jeunesse
Certificat de premier cycle en terminologie
Baccalauréat en enseignement des langues secondes (BA)
Baccalauréat en enseignement du français langue maternelle (BA)
Baccalauréat en études littéraires (BA)
Baccalauréat en linguistique (BA)
Maîtrise en études littéraires (MA)
Maîtrise en linguistique (MA)
Doctorat en sémiologie (PhD)

Mathématiques
Certificat de premier cycle en enseignement des mathématiques et des sciences au primaire
Certificat de premier cycle en méthodes quantitatives
Baccalauréat en mathématiques (BSc)
Baccalauréat d'enseignement en mathématiques (BSc)
Maîtrise en mathématiques (MSc)

Sciences humaines et sociales
Certificat de premier cycle en archéologie
Certificat de premier cycle en économie familiale et sociale
Certificat de premier cycle en économique
Certificat de premier cycle en enseignement de la formation personnelle et sociale
Certificat de premier cycle en insertion sociale et professionnelle des jeunes
Certificat de premier cycle en intervention psychosociale
Certificat de premier cycle en sciences sociales
Baccalauréat en économique (BSc)
Baccalauréat en géographie (BSc)
Baccalauréat d'enseignement en géographie (BSc)
Baccalauréat en histoire (BA)
Baccalauréat d'enseignement en histoire (BA)
Baccalauréat en philosophie (BA)
Baccalauréat en psychologie (BSc)
Baccalauréat en religiologie (BA)
Baccalauréat d'enseignement en sciences religieuses (BA)
Baccalauréat en sciences politiques (BA)
Baccalauréat en sexologie (BA)
Baccalauréat en sociologie (BA)
Baccalauréat en travail social (BTS)
Certificat de deuxième cycle en études américaines contemporaines
Maîtrise en économique (MSc)
Maîtrise en géographie (MSc)
Maîtrise en histoire (MA)
Maîtrise en philosophie (MA)
Maîtrise en psychologie (MA)
Maîtrise en sciences politiques (MA)
Maîtrise en sciences religieuses (MA)
Maîtrise en sexologie (MA)
Maîtrise en sociologie (MA)
Doctorat en histoire (PhD)
Doctorat en philosophie (PhD)
Doctorat en psychologie (PhD)
Doctorat en sciences politiques (PhD)
Doctorat en sociologie (PhD)

Sciences pures et appliquées
Certificat de premier cycle en analyse chimique
Certificat de premier cycle en énergie
Certificat de premier cycle en géographie physique
Certificat de premier cycle en géologie appliquée
Certificat de premier cycle en informatique
Certificat de premier cycle en informatique appliquée à l'enseignement
Certificat de premier cycle en instrumentation
Certificat de premier cycle en microprocesseurs
Certificat de premier cycle en santé et sécurité au travail
Certificat de premier cycle en sciences et techniques de l'eau
Certificat de premier cycle en télécommunications
Baccalauréat en biochimie (BSc)
Baccalauréat en biologie (BSc)
Baccalauréat d'enseignement en biologie (BSc)
Baccalauréat en chimie (BSc)
Baccalauréat d'enseignement en chimie (BSc)
Baccalauréat en géographie physique (BSc)
Baccalauréat en géologie (BSc)
Baccalauréat en informatique de gestion (BScA)
Baccalauréat d'enseignement en électrotechnique (BScA)
Baccalauréat d'enseignement en technologie de la mécanique (BScA)
Baccalauréat en physique (BSc)
Baccalauréat d'enseignement en physique (BSc)
Baccalauréat d'enseignement en sciences (BSc)
Certificat de deuxième cycle en électrochimie appliquée
Certificat de deuxième cycle en météorologie
Maîtrise en biologie (MSc)
Maîtrise en chimie (MSc)
Maîtrise en informatique de gestion (MScA)
Maîtrise en sciences de la terre (MSc)

Études plurisectorielles
Certificat de premier cycle en animation culturelle
Baccalauréat en animation culturelle (BA)
Certificat de deuxième cycle en thanatologie

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

1er cycle

Le candidat doit détenir un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder des connaissances appropriées et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Les dossiers des candidats d'autres provinces sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Ci-après sont décrites les conditions d'admission par province.

Alberta: détenir le Senior High School Diploma (Senior Matriculation) et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Colombie-Britannique: détenir le Senior High School Diploma ou le Senior Secondary School Statement et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Île-du-Prince-Édouard: détenir le Graduation Certificate et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Manitoba: détenir le Statement of Standing ou le High School Diploma et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Nouveau-Brunswick: détenir le Grade XII Certificate et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Nouvelle-Écosse: détenir le High School Certificate (Senior Matriculation) et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Ontario: détenir le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma et fournir dans les deux cas la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Saskatchewan: détenir le Statement of Standing ou le Successful Completion of Secondary School at the Division IV Level et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

Terre-Neuve: détenir le Matriculation Diploma et détenir la preuve d'avoir complété et réussi deux années d'études supérieures supplémentaires ou détenir le Junior Division à la Memorial University of Newfoundland ou le Grade XII à Labrador City Collegiate et fournir la preuve d'avoir complété et réussi une année d'études supérieures supplémentaire.

2e cycle

Le candidat doit détenir un baccalauréat ou l'équivalent; ou posséder des connaissances appropriées et une expérience jugée pertinente.

3e cycle

Le candidat doit détenir une maîtrise ou l'équivalent.

À ces conditions d'admission s'ajoutent parfois des conditions particulières propres à chaque programme.

Étudiants étrangers

Les dossiers de ces candidats sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme régulier d'un collège du Monde Uni, sont admissibles à l'Université du Québec à Montréal. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

1er cycle: les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1er mars pour la session d'automne et le 1er novembre pour la session d'hiver.

2e et 3e cycles: les demandes d'admission doivent être reçues au plus tard le 1er février pour la session d'automne et le 1er octobre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Université du Québec à Montréal.

Frais (1986-1987)

1er cycle: l'étudiant est considéré à temps complet s'il s'inscrit à un nombre de cours totalisant un minimum de douze crédits (généralement quatre cours par session).

2e et 3e cycles: l'étudiant est considéré à temps complet lorsqu'il consacre 35 heures et plus par semaine à ses travaux d'études.

Il ne peut s'inscrire à plus de 15 crédits par session, à moins d'autorisation du doyen des études avancées et de la recherche ou de son représentant.

1er, 2e et 3e cycles: les droits d'admission sont de $15 par demande d'admission ($17 pour les étudiants étrangers) et de $5 par demande de changement de programme. Les frais d'inscription sont de $7.50 par session. Ces montants ne sont pas remboursables.

1er cycle: les droits de scolarité sont de $50 par activité de trois crédits jusqu'à concurrence de $250 par session.

Les droits de scolarité pour les étudiants étrangers sont de $2,900 s'ils étudient à temps complet, ou de $195 par crédit s'ils étudient à temps partiel.

2e et 3e cycles: programmes de la classe A (programmes de recherche): les frais de scolarité pour les étudiants des programmes de certificat de deuxième cycle, les étudiants libres, les auditeurs et les étudiants étrangers sont établis selon le barème prévu pour le premier cycle. Ils sont de $11 le crédit pour les programmes de maîtrise et de doctorat.

Programmes de la classe B (programmes professionnels): pour chacune des sessions de la durée minimale des programmes, les frais de scolarité sont de $250 pour les programmes de certificat de deuxième cycle, de $165 pour les programmes de maîtrise et de doctorat et de $2,900 pour les étudiants étrangers. Après la durée minimale, l'étudiant doit verser $15 ($175 pour l'étudiant étranger) par session d'inscription jusqu'à la fin de ses études dans le programme.

Frais accessoires: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'UQAM, l'enseignement se donne sur une base de trois sessions par année: la session d'automne, de septembre à décembre, la session d'hiver, de janvier à avril et la session d'été, de mai à août.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

En plus des programmes de prêts-bourses du ministère de l'Éducation du Québec et des bourses décernées par des associations, des instituts ou des compagnies, les étudiants de l'UQAM ont accès aux programmes de bourses de la Fondation de l'UQAM.

Vie étudiante et services aux étudiants

À l'Université du Québec à Montréal, de nombreuses activités contribuent à la culture et à la détente des étudiants: conférences, concerts, spectacles, expositions.

Pour faciliter l'accès des étudiants des régions périphériques de Montréal, l'UQAM offre des activités d'enseignement dans les locaux de ses centres d'études universitaires de Laval, Saint-Jean et Saint-Jérôme.

De plus, à l'UQAM, l'étudiant peut se prévaloir des services de l'ombudsman. Il a également accès aux services d'orientation et d'information scolaire et professionnelle, de placement, d'accueil aux étudiants étrangers, d'hébergement, d'intégration des personnes handicapées, de l'audio-visuel et de l'informatique.

Recherche

Centres et laboratoires de recherche
Les centres et laboratoires de recherche sont constitués d'équipes multidisciplinaires de professeurs réunis autour d'une activité de recherche ou de création dans un domaine donné; les étudiants inscrits à la maîtrise et au doctorat participent également aux travaux qui se poursuivent dans ces unités.

Centre interuniversitaire d'études européennes (CIEE). Directeur: Guy Bouthillier, MA, DScPol

Centre interdisciplinaire de recherche sur l'apprentissage et le développement en éducation (CIRADE). Directrice: Nadine Descamps-Bednarz, DEA, doctorat en mathématiques pures

Centre de recherche en gestion (CRG). Directeur: Pierre Filiatrault, MBA, DScAdm

Laboratoire de géochimie isotopique et de géochronologie (GEOTOP). Directeur: Claude Hillaire-Marcel, DES, DScNat

Laboratoire de recherche sur l'emploi, la répartition et la sécurité du revenu (LABREV). Directeur: Paul-Martel Roy, MA, PhD

Laboratoire de recherche en écologie humaine et sociale (LAREHS). Directeur: Michel Tousignant, MA, PhD

Laboratoire de recherche en sciences immobilières (LARSI). Directeur: Jacques Saint-Pierre, MBA, MA

Regroupements de chercheurs
Les regroupements de chercheurs sont constitués sur une base interdépartementale ou interuniversitaire. Composés d'un minimum de cinq chercheurs, ils visent à développer à moyen terme des projets de recherche ou de nouvelles unités institutionnelles de recherche.

Centre d'ATO (analyse de textes par ordinateur)

Laboratoire de télématique et de médiatique

Groupe interdisciplinaire pour l'enseignement et la recherche sur les femmes (GIERF)

Regroupement interuniversitaire pour l'étude de la religion (RIER)

Centres interuniversitaires
Centre international de recherche et formation en gestion des grands projets. Directeur général: Jacques M. Cléroux, ing.

Centre de recherche informatique de Montréal Inc. Directeur: Charles Giguère, PhD

Université du Québec - École nationale d'administration publique*

Renseignements généraux

Adresse: 945, rue Wolfe, Sainte-Foy (Québec) G1V 3J9
Téléphone: (418) 657-2489

Directeur général: J. Jacques, MScSoc

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Pierre Ducharme, registraire

Inscriptions (1985-1986):

2ᵉ et 3ᵉ cycles à temps plein:	78
2ᵉ et 3ᵉ cycles à temps partiel:	524

Professeurs à temps plein (1985-1986): 25

Revenu total (1985-1986): $11,094,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 7,513	67.7%
Frais de scolarité	851	7.7%
Divers	134	1.2%
Total partiel	$ 8,498	76.6%
Revenus d'autres sources		
Entreprises auxiliaires	$ 84	0.8%
Fonds à destinations spéciales et fiducies	189	1.7%
Recherche commanditée	2,323	20.9%
Total partiel	$ 2,596	23.4%
TOTAL	$ 11,094	100%

Historique et statut

Fondée en 1969, l'École nationale d'administration publique est un établissement d'enseignement supérieur et de recherche public, mixte et non confessionnel en administration publique. Sa mission comporte trois volets: la formation des nouveaux et futurs gestionnaires de l'administration publique, le perfectionnement des gestionnaires en exercice et la recherche relative à l'administration publique.

L'École nationale d'administration publique fait partie du réseau de l'Université du Québec.

En tant qu'école professionnelle, l'École nationale d'administration publique dispense un programme de maîtrise en administration publique, à temps plein et à temps partiel, à Québec, à Montréal, à Hull, à Chicoutimi et à Trois-Rivières. Elle offre également des programmes courts d'études avancées dans divers domaines spécialisés. Conjointement avec l'Institut national de la recherche scientifique et l'Université du Québec à Montréal, l'École nationale d'administration publique dispense à Montréal un programme de maîtrise en analyse et gestion urbaines.

Bibliothèque

La bibliothèque renferme 19,000 volumes; professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans le réseau et à l'École nationale d'administration publique. En outre, elle utilise l'équipement informatique du réseau de l'Université du Québec (CYBER 825).

Programmes et grades

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

L'École nationale d'administration publique offre les programmes suivants:

Programmes d'études

Maîtrise en administration publique (MAP)
Maîtrise en analyse et gestion urbaines (MA)

Perfectionnement

Au niveau du perfectionnement, l'École nationale d'administration publique offre des services de trois types aux organisateurs des secteurs public et parapublic: des programmes de perfectionnement faits sur mesure pour les gestionnaires d'une même organisation, des services de consultation dans les divers domaines de la gestion, des expertises pour inventorier les besoins des organisations relatifs au développement de leurs ressources humaines; elle dispense également de nombreux programmes de perfectionnement de longue et de courte durée à l'intention des gestionnaires de tous les secteurs et réseaux de l'administration publique. Ces activités de perfectionnement sont dispensées là où les besoins des clientèles l'exigent.

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

Au deuxième cycle, le candidat doit être titulaire du grade de bachelier ou l'équivalent; ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

Condition particulière

Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers

Les dossiers de ces candidats sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

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* Membre ordinaire de l'AUCC

Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Dates limites des inscriptions

Après son admission à l'École, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'École nationale d'administration publique.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Les frais de scolarité sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'École nationale d'administration publique, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A=4, B=3, C=2, D=1, E=0. Il n'y a pas de reprise d'examens.

Vie étudiante et services aux étudiants

Participation étudiante

La participation des étudiants est prévue à divers niveaux des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études), et de l'École nationale d'administration publique (Conseil d'administration et Commission des études).

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'École nationale d'administration publique peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Recherche

Dans le domaine de la recherche, l'École nationale d'administration publique concentre ses efforts sur les buts suivants: favoriser la recherche appliquée, permettre une sensibilité aux questions d'actualité, favoriser l'intégration des divers groupes de ressources et se prêter à l'évaluation des résultats. La recherche institutionnelle se concentre dans trois axes principaux: les interventions gouvernementales, les politiques gouvernementales et les administrations.

En participant activement à des activités de coopération internationale, l'École nationale d'administration publique veut apporter sa collaboration et sa contribution à l'avancement de l'administration publique et à la formation des administrateurs publics tant dans les pays industrialisés que dans les pays en voie de développement.

Centre d'études politiques et administratives du Québec (CEPAQ). Directeur: A. Gélinas, MScEd

Université du Québec à Rimouski*

Renseignements généraux

Adresse: 300, avenue des Ursulines, Rimouski (Québec)
G5L 3A1
Téléphone: (418) 723-1986

Recteur: Guy Massicotte, MA, PhD

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Réal Giguère, registraire

Agent de liaison CEGEP: Réjean Martin

Inscriptions (1985-1986):

1er cycle à temps plein:	1,337
1er cycle à temps partiel:	3,762
1e et 3e cycles à temps plein:	68
2e et 3e cycles à temps partiel:	134

Professeurs à temps plein (1985-1986): 146

Revenu total (1985-1986): $18,748,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 16,369	87.3%
Frais de scolarité	1,264	6.8%
Dons	55	0.3%
Divers	235	1.2%
Total partiel	$ 17,923	95.6%
Revenus d'autres sources		
Entreprises auxiliaires	$ 769	4.1%
Fonds à destinations spéciales et fiducies	56	0.3%
Total partiel	$ 805	4.4%
TOTAL	$ 18,748	100%

Historique et statut

C'est dans le cadre de la Loi de l'Université du Québec adoptée le 18 décembre 1968 que l'Université du Québec à Rimouski a été créée le 17 avril 1973. Cet établissement succédait au Centre d'études universitaires de Rimouski créé le 8 septembre 1969 dans le cadre de la même loi.

L'Université du Québec à Rimouski est un établissement d'enseignement public, mixte et non confessionnel et fait partie du réseau de l'Université du Québec.

Desservant la région de Lévis jusqu'aux Îles-de-la-Madeleine ainsi que la Côte-Nord, l'Université du Québec à Rimouski se définit comme un établissement à vocation générale.

L'océanographie est un des principaux axes de recherche et d'études supérieures que l'Université du Québec à Rimouski développe de concert avec l'Institut national de la recherche scientifique. Pour sa part, le Groupe d'étude des ressources maritimes (GERMA) s'intéresse à l'économie et à la gestion des produits de la mer.

L'UQAR développe par ailleurs un autre axe de recherche multidisciplinaire en études et interventions régionales. Les principales manifestations en sont les travaux du groupe de recherche interdisciplinaire de développement de l'Est du Québec (GRIDEQ) et la maîtrise en développement régional. La maîtrise en éthique, la maîtrise en éducation et la maîtrise en études littéraires complètent le panorama des études supérieures.

L'Université du Québec à Rimouski a réalisé l'intégration de l'enseignement à temps partiel à l'enseignement régulier et ouvert six bureaux régionaux au service des étudiants. Elle multiplie les efforts pour accentuer la décentralisation de son enseignement, en particulier par le renouvellement des formules pédagogiques et le développement des communications.

Bibliothèque

La bibliothèque, tout nouvellement construite, renferme 146,000 volumes; professeurs et étudiants ont acces, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de l'Université du Québec à Rimouski. En outre, les services informatiques utilisent les équipements HP 3000 ainsi que le CYBER 825 du réseau de l'Université du Québec.

Programmes et grades

Au premier cycle, on délivre des baccalauréats et des certificats; le baccalauréat comporte 90 crédits. Le programme de baccalauréat identifié à une discipline ou à un champ d'études demande un minimum de 48 crédits requis par la discipline ou le champ d'études et un minimum de neuf crédits en cours libres. Par ailleurs, le programme de baccalauréat se rapportant à des disciplines ou à des champs d'études connexes comporte un minimum de 60 crédits requis par les disciplines ou champs d'études connexes et neuf crédits en cours libres. Quant aux certificats de premier cycle, ils comportent de 24 à 36 crédits, mais normalement ils sont de 30 crédits.

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Au troisième cycle, le doctorat de recherche de 90 crédits renferme au moins 60 crédits de recherche.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

L'Université du Québec à Rimouski offre les programmes suivants:

Programmes d'études de premier cycle

Sciences humaines
Certificat de premier cycle en andragogie
Certificat de premier cycle en communication

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* Membre ordinaire de l'AUCC

Certificat de premier cycle en éducation morale
Certificat de premier cycle en sciences de l'éducation
Certificat de premier cycle en sciences religieuses
Baccalauréat en économique (BSc)
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (BEd)
Baccalauréat d'enseignement en adaptation scolaire (BEd)
Baccalauréat d'enseignement en géographie (BSc)
Baccalauréat d'enseignement en histoire (BA)
Baccalauréat d'enseignement en sciences religieuses (BA)
Baccalauréat en géographie (BSc)
Baccalauréat en histoire (BA)
Baccalauréat en sociologie (BA)
Baccalauréat en théologie (BTh)

Sciences de l'administration
Certificat de premier cycle en administration
Certificat de premier cycle en gestion informatisée
Certificat de premier cycle en gestion des ressources humaines
Certificat de premier cycle en sciences comptables
Baccalauréat en administration (BAA)
Baccalauréat d'enseignement en administration (BAA)

Sciences de la santé
Certificat de premier cycle en nursing communautaire
Certificat de premier cycle en santé communautaire
Certificat de premier cycle en santé et sécurité au travail
Baccalauréat en sciences infirmières (BSc)

Sciences pures et appliquées
Certificat de premier cycle en application pédagogique de l'ordinateur
Certificat de premier cycle en informatique
Baccalauréat en biologie (BSc)
Baccalauréat en chimie (BSc)
Baccalauréat d'enseignement en biologie (BSc)
Baccalauréat d'enseignement en chimie (BSc)
Baccalauréat d'enseignement en mathématiques (BSc)
Baccalauréat d'enseignement en physique (BSc)
Baccalauréat d'enseignement professionnel (BEd)
Baccalauréat en mathématiques-informatique (BSc)
Baccalauréat en physique (BSc)

Lettres
Certificat de premier cycle en enseignement du français au primaire
Certificat de premier cycle en enseignement du français au secondaire
Programme court de premier cycle d'apprentissage du français, langue seconde
Baccalauréat d'enseignement en études anglaises (BA)
Baccalauréat d'enseignement du français (BA)
Baccalauréat en études françaises (BA)

Autres
Certificat de premier cycle en animation des petits groupes
Certificat de premier cycle en travail social

Programmes de deuxième et troisième cycles
Maîtrise en développement régional (MA)
Maîtrise en éducation (MEd)
Maîtrise en éthique (MA)
Maîtrise en études littéraires (MA)
Maîtrise en mathématiques (MSc)
Maîtrise en océanographie (MSc)
Doctorat en océanographie (PhD)

Conditions d'admission

Condition générale
Le candidat doit posséder une connaissance suffisante de la langue française.

1er cycle
Le candidat doit être titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder des connaissances appropriées et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Les dossiers des candidats des autres provinces seront évalués en comparaison avec les conditions d'admission exigées des étudiants du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

2e cycle
Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent; ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

3e cycle
Le candidat doit être titulaire d'un grade de maître ou l'équivalent, ou être titulaire d'un grade de bachelier et posséder les connaissances requises et une formation appropriée.

Condition particulière
Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers
Les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni, sont admissibles au premier cycle à l'Université du Québec à Rimouski. Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

1er cycle: les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1er mars pour la session d'automne et le 1er novembre pour la session d'hiver.

2e et 3e cycles: les demandes d'admission doivent être reçues au plus tard le 1er février pour la session d'automne et le 1er octobre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Université du Québec à Rimouski.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'Université du Québec à Rimouski, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

L'Université offre à tous ses étudiants des services d'aide financière; le candidat trouvera à ces services des informations pertinentes concernant l'aide que les gouvernements fédéral et provinciaux, les compagnies, les organismes internationaux et les pays étrangers sont en mesure de fournir aux étudiants des premier, deuxième et troisième cycles. D'autres précisions pourront y être fournies quant à l'existence de certaines bourses réservées aux étudiants de l'Université du Québec. En outre, elle organise également un service de dépannage à court terme en garantie d'une bourse ou d'un prêt à venir. La plupart des bourses ne sont accessibles qu'à des citoyens ou résidents canadiens.

Vie étudiante et services aux étudiants

Un ensemble de moyens, d'opérations, d'activités mis en place pour répondre à certains besoins particuliers des étudiants non satisfaits par l'académique ou d'autres unités administratives. L'étudiant peut avoir accès à plusieurs services tels que ceux du logement, de la pastorale, du placement, des activités physiques et sportives, des activités socio-culturelles et de l'informatique.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'Université du Québec à Rimouski peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'Université du Québec à Rimouski (Conseil d'administration, Commission des études), mais aussi au niveau de chaque programme (Conseil de module, Comité de programme). Il y a aussi diverses associations étudiantes dont l'Association générale des étudiants de l'Université du Québec à Rimouski (AGEUQAR).

Recherche

Groupe de recherche interdisciplinaire en développement de l'Est du Québec (CRIDEQ). Responsable: B. Jean, DSoc

Groupe d'études des ressources maritimes (GERMA). Directrice: H. Tremblay, MA (Sc. économiques)

Centre d'intervention et de recherche pour l'amélioration des situations de travail (CIRAST). Responsable: J.L. Chaumel, D3eCy (gestion)

Centre de recherche en services appliqués à l'alimentation (CRESALA). Responsable: A. Strachan, BSc (biologie)

Université du Québec - École de technologie supérieure*

Renseignements généraux

Adresse: 4750, rue Henri-Julien, Montréal (Québec)
H2T 1R0
Téléphone: (514) 289-8888

Directeur général: Alain Soucy, DrIng

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Paul-André Léveillé, registraire

Agent de liaison CEGEP: Normand Laurence

Inscriptions (1985-1986):

1er cycle à temps plein:	598
1er cycle à temps partiel:	639

Professeurs à temps plein (1985-1986): 31

Revenu total (1985-1986): $7,634,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 6,939	90.9%
Frais de scolarité	391	5.1%
Dons	45	0.6%
Divers	94	1.2%
Total partiel	$ 7,469	97.8%
Revenus d'autres sources		
Entreprises auxiliaires	$ 62	0.8%
Fonds à destinations spéciales et fiducies	103	1.4%
Total partiel	$ 165	2.2%
TOTAL	$ 7,634	100%

Historique et statut

L'École de technologie supérieure est une institution universitaire faisant partie du réseau de l'Université du Québec qui a été créée en vue d'assurer, en liaison avec l'industrie, l'enseignement supérieur et la recherche en technologie. Dirigée par son propre Conseil d'administration et sa propre Commission des études, l'École voit au développement et à l'orientation des programmes de formation, en conformité avec les objectifs initiaux qui lui ont été fixés et en réponse aux besoins du milieu industriel québécois.

Les principaux éléments qui caractérisent l'École sont les suivants:

– l'École est la seule institution au Québec à offrir des programmes universitaires de baccalauréat en technologie qui répondent à des objectifs de formation de cadres techniques pour le secteur industriel et technologique;

– l'École est également la seule institution universitaire à dispenser des programmes de premier cycle adaptés aux caractéristiques des techniciens diplômés du cegep professionnel. Ces programmes tiennent compte de leur formation collégiale technique et s'appuient sur cette dernière pour la compléter, l'élargir et l'approfondir;

– l'École a une dimension provinciale quant aux clientèles qu'elle recrute, en ce sens, elle s'adresse aux clientèles du collégial professionnel réparties sur l'ensemble du territoire québécois, et quant aux régions et aux secteurs industriels où ses diplômés sont appelés à travailler;

– l'École a mis sur pied un système coopératif dont les activités en milieu de travail sont créditées dans les programmes de formation;

– l'École compte sur une participation, inédite au Québec, du milieu industriel et technologique à sa direction et à son fonctionnement. Cette participation a été jusqu'ici déterminante quant aux orientations et au développement de l'École, en réponse à la mission générale qui lui a été conférée dans ses lettres patentes.

– l'École dispense également des activités d'enseignement dans la région de Québec.

L'École est un établissement d'enseignement public, mixte et non confessionnel.

Bibliothèque

L'École possède une bibliothèque renfermant environ 7,000 volumes. En outre, elle utilise les équipements informatiques IBM-4341-2 ainsi que le CYBER 825 du réseau de l'Université du Québec.

Programmes et grades

Au premier cycle, le certificat comporte 30 crédits et les programmes de baccalauréat en technologie renferment 72 crédits. Ces derniers comportent deux types de stage: le stage d'apprentissage s'échelonnant sur huit mois et le stage-projet se déroulant sur une période de quatre mois; les deux sont crédités respectivement pour huit crédits et quatre crédits.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certains programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

L'École de technologie supérieure offre les programmes suivants:

Programmes d'études

Baccalauréat en technologie de la construction civile (BTech)
Baccalauréat en technologie de l'électricité (BTech)
Baccalauréat en technologie de la mécanique (BTech)
Baccalauréat en technologie de la production automatisée (BTech)
Certificat de premier cycle en assurance de la qualité
Certificat de premier cycle en gestion de la construction
Certificat de premier cycle en méthodes et pratiques de la construction
Certificat de premier cycle en micro-informatique
Certificat de premier cycle en technologie du soudage
Certificat de premier cycle en télécommunications

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

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* Membre provisoire de l'AUCC

1er cycle
Le candidat doit être titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder des connaissances appropriées et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Condition particulière
Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Les dossiers des candidats d'autres provinces sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

Étudiants étrangers
Les dossiers de ces candidats sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni sont admissibles au premier cycle à l'École de technologie supérieure.

Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

1er cycle: les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1er mars pour la session d'automne et le 1er novembre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à l'École, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'École de technologie supérieure.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'École de technologie supérieure, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A = 4, B = 3, C = 2, D = 1, E = 0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

L'École offre à tous ses étudiants des services d'aide financière; le candidat trouvera à ces services des informations pertinentes concernant l'aide que les gouvernements fédéral et provinciaux, les compagnies, les organismes internationaux et les pays étrangers sont en mesure de fournir aux étudiants de premier cycle. D'autres précisions pourront y être fournies quant à l'existence de certaines bourses réservées aux étudiants de l'Université du Québec. En outre, elle organise également un service de dépannage à court terme en garantie d'une bourse ou d'un prêt à venir. La plupart des bourses ne sont accessibles qu'à des citoyens ou résidents canadiens.

Vie étudiante et services aux étudiants

Sous la responsabilité du secrétaire général, le service des affaires étudiantes s'occupe de la vie étudiante, des services sportifs, récréatifs et culturels.

Puisque l'École est située au centre-ville de Montréal, les étudiants sont invités à se prévaloir dans toute la mesure du possible d'un grand nombre de services disponibles dans l'environnement immédiat. En particulier, les étudiants peuvent profiter de l'organisation des services de sports, de santé, de logement ainsi que de diverses activités socio-culturelles mises en place par l'Université du Québec à Montréal, en vertu d'un protocole d'entente avec cette institution.

L'École maintient également la publication du bulletin d'information interne "Le Fouineur" à l'intention des étudiants ainsi que du journal "Écho-Tech" à l'intention de son personnel, des étudiants et des diplômés.

Enfin, elle aide les étudiants, via leur association, à mettre sur pied certains services en réponse à leurs propres besoins.

Liaison entre les handicapés et les divers services universitaires

Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'École de technologie supérieure peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante

La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'École de technologie supérieure(Conseil d'administration, Commission des études), mais aussi au niveau de chaque programme (Comité de programme). L'École de technologie supérieure a une association générale des étudiants (AGEETS).

Université du Québec à Trois-Rivières*

Renseignements généraux

Adresse: 3351, boulevard des Forges, Case postale 500,
Trois-Rivières (Québec) G9A 5H7
Téléphone: (819) 376-5454

Recteur: Jacques R. Parent, MScA, DSc

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général à M. Henri-Paul McGee, registraire

Agent de liaison CEGEP: Suzanne Vaillancourt

Inscriptions (1985-1986):

1er cycle à temps plein:	4,281
1er cycle à temps partiel:	5,700
2e et 3e cycles à temps plein:	198
2e et 3e cycles à temps partiel:	473

Professeurs à temps plein (1985-1986): 299

Revenu total (1985-1986): $44,291,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement (incluses dans le budget de l'Université du Québec)	$ 35,176	79.4%
Frais de scolarité	2,822	6.4%
Dons	140	0.3%
Divers	3,637	8.2%
Total partiel	$ 41,775	94.3%
Revenus d'autres sources		
Entreprises auxiliaires	$ 2,050	4.6%
Fonds à destinations spéciales et fiducies	304	0.7%
Recherche commanditée	162	0.4%
Total partiel	$ 2,516	5.7%
TOTAL	$ 44,291	100%

Historique et statut

C'est dans le cadre de la Loi de l'Université du Québec, adoptée le 18 décembre 1968, que l'Université du Québec à Trois-Rivières a été créée le 19 mars 1969. L'Université du Québec à Trois-Rivières est un établissement d'enseignement public, mixte et non confessionnel et fait partie du réseau de l'Université du Québec.

En plus du Trois-Rivières métropolitain, la région que dessert l'Université du Québec à Trois-Rivières s'étend le long d'un axe marqué par les centres urbains de Shawinigan, Grand'mère et La Tuque sur la rive nord et de Thetford-Mines à St-Hyacinthe sur la rive sud.

L'Université du Québec à Trois-Rivières a retenu cinq grands axes autour desquels s'articule le développement de ses programmes d'études et de recherche. Ce sont: le comportement et l'organisation, le loisir et les sports, l'industrie et le travail, la bio-physico-chimie, les études québécoises.

Terrains et bâtiments

L'Université du Québec à Trois-Rivières occupe un vaste campus de 586,687 mètres carrés au carrefour des grandes voies d'accès de Trois-Rivières. Des treize pavillons dont dispose l'Université, dix sont particulièrement affectés à l'enseignement, à la recherche et à la vie étudiante. Deux de ces pavillons sont situés hors campus. Il s'agit du pavillon des Sports attenant au Colisée de Trois-Rivières et le pavillon Robert-Lionel-Seguin. Les pavillons Ringuet, Michel-Sarrazin, Léon-Provancher, Benjamin-Sulte et Robert-Lionel-Seguin regroupent la majorité des salles de cours et des bureaux de professeurs tandis que l'administration occupe une partie du pavillon Pierre-Boucher, l'autre partie étant réservée à quelques laboratoires d'enseignement et de recherche.

Dans le pavillon Albert-Tessier se retrouvent les services de la bibliothèque, de l'informatique, de l'audio-visuel, de l'imprimerie, les services aux étudiants, le hall, un amphithéâtre et la cafétéria. L'ensemble des pavillons de l'Université du Québec à Trois-Rivières ont entraîné, à leur construction, une immobilisation de $23,000,000.

Bibliothèque

La bibliothèque renferme 251,000 volumes; professeurs et étudiants ont accès, via un système informatisé de repérage, au catalogue renfermant les informations sur les volumes, revues, collections, etc. dans toutes les bibliothèques du réseau et de l'Université du Québec à Trois-Rivières. En outre, les services informatiques utilisent les équipements CYBER 173 et VAX 730 ainsi que le CYBER 825 du réseau de l'Université du Québec.

Programmes et grades

Au premier cycle, on délivre des baccalauréats et des certificats; le baccalauréat comporte 90 crédits; toutefois, celui en génie renferme 105 crédits. Le programme de baccalauréat identifié à une discipline ou un champ d'études demande un minimum de 48 crédits requis par la discipline ou le champ d'études et un minimum de neuf crédits en cours libres. Par ailleurs, le programme de baccalauréat se rapportant à des disciplines ou à des champs d'études connexes comporte un minimum de 60 crédits requis par les disciplines ou champs d'études connexes et neuf crédits en cours libres. Quant aux certificats de premier cycle, ils comportent de 24 à 36 crédits, mais normalement ils sont de 30 crédits.

Au deuxième cycle, on distingue la maîtrise et le diplôme. Il y a deux types de maîtrise, celle à caractère de recherche et celle plus professionnelle; la première exige au moins 21 crédits pour un mémoire (ou oeuvre) et des travaux de recherche, tandis que la seconde demande au moins 12 crédits pour des stages et des travaux dirigés. La maîtrise comporte soit 45 crédits ou 60 crédits, tandis que le diplôme de deuxième cycle comprend 30 crédits.

Au troisième cycle, le doctorat de recherche de 90 crédits renferme au moins 60 crédits de recherche.

Signalons que le crédit est une unité qui permet d'attribuer une valeur numérique à la charge de travail requise d'un étudiant pour atteindre les objectifs particuliers des cours ou des activités pédagogiques; il correspond, selon l'estimation de l'Université, à 45 heures de travail.

Le mode d'organisation des études repose sur le rattachement des étudiants à des programmes d'études; ils y sont admis et inscrits et leur encadrement est assuré par le responsable du programme.

Certain programmes comportent des stages crédités; le stage est une période de formation pratique effectuée normalement dans un milieu de travail. Il peut aussi être une période de prise de contact avec des milieux institutionnels et d'analyse comparée de ces milieux.

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* Membre ordinaire de l'AUCC

L'Université du Québec à Trois-Rivières offre les programmes suivants:

Programmes d'études de premier cycle

Baccalauréat en administration (BAA)
Baccalauréat en arts plastiques (BA)
Baccalauréat en biochimie (BSc)
Baccalauréat en biologie (BSc)
Baccalauréat en biologie médicale (BSc)
Baccalauréat en biophysique (BSc)
Baccalauréat en chimie (BSc)
Baccalauréat en économique (BSc)
Baccalauréat d'éducation au préscolaire et d'enseignement au primaire (BEd)
Baccalauréat d'enseignement en activité physique (BSc)
Baccalauréat d'enseignement en adaptation scolaire (BEd)
Baccalauréat d'enseignement en administration (BAA)
Baccalauréat d'enseignement en arts plastiques (BA)
Baccalauréat d'enseignement en biologie (BSc)
Baccalauréat d'enseignement en chimie (BSc)
Baccalauréat d'enseignement en études anglaises (BA)
Baccalauréat d'enseignement en études françaises (BA)
Baccalauréat d'enseignement en géographie (BSc)
Baccalauréat d'enseignement en histoire (BA)
Baccalauréat d'enseignement en mathématiques (BSc)
Baccalauréat d'enseignement en musique (BMus)
Baccalauréat d'enseignement en physique (BSc)
Baccalauréat d'enseignement professionnel (BEd)
Baccalauréat d'enseignement professionnel (formation initiale) (BEd)
Baccalauréat d'enseignement en sciences religieuses (BA)
Baccalauréat d'enseignement technique (BScA)
Baccalauréat en études anglaises (BA)
Baccalauréat en études littéraires françaises (BA)
Baccalauréat en études littéraires québécoises (BA)
Baccalauréat en génagogie (BA)
Baccalauréat en génie électrique (BIng)
Baccalauréat en génie industriel (BIng)
Baccalauréat en génie mécanique manufacturier (BIng)
Baccalauréat en géographie (BSc)
Baccalauréat en histoire (BA)
Baccalauréat en informatique (BSc)
Baccalauréat en linguistique (BA)
Baccalauréat en mathématiques (BSc)
Baccalauréat en musique (BMus)
Baccalauréat en philosophie (BA)
Baccalauréat en physique (BSc)
Baccalauréat en psycho-éducation (BEd)
Baccalauréat en psychologie (BA)
Baccalauréat en recherche opérationnelle (BAA)
Baccalauréat en récréologie (BA)
Baccalauréat en sciences de l'activité physique (BSc)
Baccalauréat en sciences comptables (BAA)
Baccalauréat en sciences infirmières (BSc)
Baccalauréat en théologie (BTh)
Baccalauréat en traduction (BA)
Certificat de premier cycle en administration
Certificat de premier cycle en analyse chimique instrumentale
Certificat de premier cycle en application pédagogique de l'ordinateur
Certificat de premier cycle en arts plastiques
Certificat de premier cycle en biologie médicale
Certificat de premier cycle en enfance inadaptée
Certificat de premier cycle en enseignement du français au primaire
Certificat de premier cycle en enseignement du français au secondaire
Certificat de premier cycle en entraînement sportif
Certificat de premier cycle en français pour non-francophones
Certificat de premier cycle en gérontologie
Certificat de premier cycle en gestion policière
Certificat de premier cycle en gestion des ressources humaines
Certificat de premier cycle en histoire
Certificat de premier cycle en informatique
Certificat de premier cycle en nursing communautaire
Certificat de premier cycle en physique
Certificat de premier cycle en recherche et rédaction
Certificat de premier cycle en santé et sécurité au travail
Certificat de premier cycle en sciences de l'activité physique
Certificat de premier cycle en sciences comptables
Certificat de premier cycle en sciences de l'éducation
Certificat de premier cycle en sciences de l'environnement
Certificat de premier cycle en sciences religieuses
Certificat de premier cycle en traduction

Programme cadre individuel

Programme court de premier cycle d'apprentissage du français pour non-francophones
Programme court de premier cycle d'apprentissage du français parlé et écrit pour non-francophones
Programme court de premier cycle d'apprentissage du français parlé pour non-francophones

Programmes d'études avancées

Diplôme de deuxième cycle en sciences comptables
Maîtrise en biophysique (MSc)
Maîtrise en chimie (MSc)
Maîtrise en gestion des systèmes de petite et moyenne dimensions (MSc)
Maîtrise en éducation (MEd)
Maîtrise en électronique de puissance (MScA)
Maîtrise en études littéraires (MA)
Maîtrise en études québécoises (MA)
Maîtrise en gestion de projet (MSc)
Maîtrise en philosophie (MA)
Maîtrise en physique (MSc)
Maîtrise en psychologie (MA)
Maîtrise en sciences de l'activité physique (MSc)
Maîtrise en sciences de l'environnement (MSc)
Maîtrise en sciences du loisir (MA)
Maîtrise en sciences des pâtes et papiers (MScA)
Maîtrise en sciences de la santé (sport) (MSc)
Maîtrise en sécurité et hygiène industrielles (MScA)
Maîtrise en théologie (MA)
Maîtrise en théologie (MTh)
Doctorat en biophysique (PhD)
Doctorat en philosophie (PhD)
Doctorat en psychologie (PhD)
Doctorat en sciences de l'énergie (PhD)

Conditions d'admission

Condition générale

Le candidat doit posséder une connaissance suffisante de la langue française.

1er cycle

Le candidat doit être titulaire d'un diplôme d'études collégiales (DEC) ou l'équivalent; ou être âgé d'au moins 22 ans et posséder une connaissance appropriée et une expérience pertinente. L'expérience pertinente est définie pour chaque programme.

Les dossiers des candidats d'autres provinces sont évalués en comparaison avec les conditions d'admission exigées des candidats du Québec. Ci-après sont décrites les conditions d'admission par province.

Alberta: une année d'études supérieures supplémentaire après le Senior High School Diploma (Senior Matriculation).

Colombie-Britannique: une année d'études supérieures supplémentaire après le Senior High School Diploma ou le Senior Secondary School Statement.

Île-du-Prince-Édouard: une année d'études supérieures supplémentaire après le Grade XII Graduation Certificate.

Manitoba: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII, le High School Diploma, le Senior Matriculation ou le Grade XII Certificate.

Nouveau-Brunswick: une année d'études supérieures supplémentaire après le Grade XII Certificate ou le Graduation Certificate.

Nouvelle-Écosse: une année d'études supérieures supplémentaire après le High School Certificate (Senior Matriculation).

Ontario: une année d'études supérieures supplémentaire après le Secondary School Graduation Diploma ou le Secondary School Honours Graduation Diploma.

Saskatchewan: une année d'études supérieures supplémentaire après le Statement of Standing Grade XII ou le Successful Completion of Secondary School at the Division IV Level ou le Senior Matriculation.

Terre-Neuve: deux années d'études supérieures supplémentaires après le Matriculation Diploma; ou une année d'études supérieures supplémentaire après la réussite du Junior Division de l'Université Memorial ou du Grade XII de Labrador City Collegiate.

2ᵉ cycle

Le candidat doit être titulaire d'un grade de bachelier ou l'équivalent; ou posséder les connaissances requises, une formation appropriée et une expérience jugée pertinente.

3ᵉ cycle

Le candidat doit être titulaire d'un grade de maître ou l'équivalent, ou être titulaire d'un grade de bachelier et posséder les connaissances requises et une formation appropriée.

Condition particulière

Outre ces conditions générales d'admission, le candidat doit, pour certains programmes ou certaines activités, satisfaire à des conditions particulières.

Étudiants étrangers

Les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées des candidats du Québec.

Les candidats qui ont complété avec succès un baccalauréat international, obtenu sur réussite du programme d'un collège du Monde Uni, sont admissibles au premier cycle à l'Université du Québec à Trois-Rivières.

Pour plus de détails concernant les exigences auxquelles doivent satisfaire les candidats étrangers, selon les programmes de formation qu'ils ont réussis, on peut consulter le "Guide pour étudiants non québécois", publié chaque année par l'Université du Québec.

Délais

1ᵉʳ cycle: les demandes d'admission pour les études à temps complet doivent être reçues au plus tard le 1ᵉʳ mars pour la session d'automne et le 1ᵉʳ novembre pour la session d'hiver.

2ᵉ et 3ᵉ cycles: les demandes d'admission doivent être reçues au plus tard le 1ᵉʳ février pour la session d'automne et le 1ᵉʳ octobre pour la session d'hiver.

Dates limites des inscriptions

Après son admission à l'Université, l'étudiant sera convoqué à l'inscription (choix de cours). Les dates et modalités d'inscription apparaissent au calendrier universitaire, publié chaque année par l'Université du Québec à Trois-Rivières.

Frais (1986-1987)

Les frais de demande d'admission sont de $15 par demande.

Au premier cycle, les frais de scolarité sont de $50 par cours de trois crédits jusqu'à concurrence de $250 par session.

Aux études avancées, les frais de scolarité pour les programmes à caractère de recherche sont de $165 pour chacune des premières sessions du programme. Les frais, pour les autres programmes plus professionnels, sont de $11 le crédit auquel l'étudiant s'inscrit à une session donnée.

Pour les étudiants étrangers, les frais de scolarité sont de $195 le crédit pour ceux à temps partiel et de $2,900 par session pour ceux à plein temps.

Frais divers: en plus des frais de scolarité et des frais d'inscription, les étudiants doivent s'attendre à des déboursés pour les besoins de fournitures, de volumes et de matériel personnel.

Année universitaire

À l'Université du Québec à Trois-Rivières, l'enseignement se donne sur une base de trois sessions par année: la session d'automne commençant au début de septembre, la session d'hiver au début de janvier et la session d'été au début de mai.

Système de notation

A, excellent; B, très bien; C, bien; D, passable; E, échec; S, exigence satisfaite; H, hors programme; I, incomplet; K, exemption en raison d'équivalence; N, non crédité; R, reporté; X, abandon autorisé. Pour fin de calcul de la moyenne cumulative, la valeur numérique accordée à chacune des lettres est la suivante: A=4, B=3, C=2, D=1, E=0. Il n'y a pas de reprise d'examens.

Aide aux étudiants

L'Université offre à tous ses étudiants des services d'aide financière; le candidat trouvera à ces services des informations pertinentes concernant l'aide que les gouvernements fédéral et provinciaux, les compagnies, les organismes internationaux et les pays étrangers sont en mesure de fournir aux étudiants des premier, deuxième et troisième cycles. D'autres précisions pourront y être fournies quant à l'existence de certaines bourses réservées aux étudiants de l'Université du Québec. En outre, elle organise également un service de dépannage à court terme en garantie d'une bourse ou d'un prêt à venir. La plupart des bourses ne sont accessibles qu'à des citoyens ou résidents canadiens.

Vie étudiante et services aux étudiants

Un ensemble de services sont destinés à répondre aux besoins individuels de l'étudiant dans le domaine de l'aide financière, du logement, du counselling, de la santé, du placement, des activités sociales, de l'activité physique et sportive, des affaires juridiques et de l'informatique.

Liaison entre les handicapés et les divers services universitaires
Les étudiants handicapés qui désirent obtenir de l'information quant aux services et équipements mis à leur disposition à l'Université du Québec à Trois-Rivières peuvent s'adresser au directeur des services aux étudiants qui agit comme agent de liaison et qui peut les aider dans leurs démarches auprès des divers services et intervenants.

Participation étudiante
La participation des étudiants est prévue à divers niveaux, non seulement à celui des instances supérieures de l'Université du Québec (Assemblée des gouverneurs, Conseil des études) et de l'Université du Québec à Trois-Rivières(Conseil d'administration, Commission des études), mais aussi au niveau de chaque programme (Conseil de module, Comité de programme). Il y a aussi diverses associations étudiantes dont l'Association générale des étudiants de l'Université du Québec à Trois-Rivières (AGEUQTR).

Recherche

Centre de recherche en pâtes et papiers. Directeur: M. Lapointe, MSc, DIng

Centre de recherche en photobiophysique. Directeur: R. Leblanc, DSc

Groupe de recherche en diélectrique. Directeur: T.K. Bose, MSc, DSc

Groupe de recherche en microbiologie des membranes. Responsable: C. Gicquand, MSc, PhD

Groupe de recherche en neurophysiologie expérimentale. Directeur: M. Pitto, MA, PhD

Groupe de recherche en philosophie analytique. Responsable: D. Vanderveken, LPh, DPhL

Groupe de recherche sur les insectes piqueurs. Responsable: J.P. Bourassa, MSc, Dr

Groupe de recherche sur la Mauricie. Directeur: N. Séguin

Laboratoire départemental de recherche de développement de l'enfant. Responsable: E. Quintin, LPsy, DPsy

Laboratoire départemental de recherche en économie et gestion des systèmes de petites dimensions. Responsable: P.A. Julien, MSc, DSc

Laboratoire départemental de recherche sur le contrôle de la motricité. Responsable: Y. Girouard, MSc, PhD

Laboratoire départemental de recherche sur les habitats fauniques. Responsable: R. Couture, MSc, DSc

Queen's University at Kingston*

General Information

Address: Kingston, Ontario K7L 3N6
Telephone: (613) 545-2000
Telex: Dial New York City (00) 961000, User code: ALE 6741

Principal and Vice-chancellor: D.C. Smith, BA, MA, PhD

For a complete list of Queen's University faculty, see the Queen's calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, K.L.S. Gunn, BA, MSc, PhD, MA

Senior high school liaison officer: Nancy Rabb, BA, BEd, MEd

Enrolment (1985-1986):

Full-time undergraduate:	9,732
Part-time undergraduate:	3,065
Full-time graduate:	1,546
Part-time graduate:	579

Full-time faculty (1985-1986): 832

Total income (1984-1985): $168,023,000

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General operating fund income		
Government grants	$ 81,398	48.5%
Fees	17,002	10.2%
Miscellaneous	1,030	0.1%
Sub Total	$ 99,430	58.8%
Other funds income		
Ancillary enterprises	$ 15,296	9.2%
Special purpose and trust	21,900	13.2%
Sponsored research	27,891	16.7%
Plant	3,506	2.1%
Sub Total	$ 68,593	41.2%
TOTAL	$168,023	100%

History and Governance

Queen's College was founded by the Presbyterian Church of Canada in connection with the Church of Scotland primarily to provide educational opportunity for the youth of a growing economy and for a ministry trained within the country. Queen Victoria issued a Royal Charter to "Queen's College at Kingston" in 1841. The first session opened in the spring of 1842 and the first degrees were awarded in 1847. The only denominational requirement was that the principal be a Presbyterian minister and that trustees and staff subscribe to the Westminster Confession of Faith. Gradually, by successive acts of parliament, the denominational requirements were eliminated. The faculty of theology became Queen's Theological College and the original Queen's College at Kingston became Queen's University at Kingston.

Queen's is a non-denominational and coeducational institution. The government of the university is vested in a board of trustees, a university council, a senate and faculty boards.

Buildings and Grounds

Queen's University is located at Kingston, one of Canada's oldest cities (population 61,398). The main campus covers an area of ten city blocks and includes over 60 buildings. A large new medical sciences building is nearing completion as part of a health sciences complex in which Queen's is a partner with community hospitals and St. Lawrence College of Applied Arts and Technology. The university has a full range of laboratory facilities including several areas devoted to major research projects. An experimental station is located 50 miles from Kingston and provides special opportunity for research in land and water biology.

Other facilities include a large arena-gymnasium complex, an art centre with teaching and research facilities for art conservation, a computing centre, an AM-FM radio station, a fully equipped small theatre, and a comprehensive University Centre containing a bookstore, a bank, and other commercial facilities. A second campus, ten minutes west of the main campus, is the site of the faculty of education and additional residential accommodation for students.

Libraries

The university library system includes the Douglas library, a central unit which serves the social sciences and humanities and also contains special services, technical processing departments, and administrative offices. There are major libraries for Law, Education, and Health Sciences, and a Documents Library. Twelve smaller branch libraries containing working collections close to laboratories and classrooms serve the needs of departments of fine arts, sciences and applied sciences. The library system contains approximately 4,320,000 items.

Programs and Degrees

Bachelor's degrees require four years of study (20 courses) from senior matriculation unless otherwise stated. Master's degrees normally require one year from honours bachelor's degree unless otherwise specified. Doctoral degrees require two years of study from a master's degree unless otherwise specified.

One full course normally requires three lecture hours per week for two terms.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Applied Science

Bachelor of science (BSc)
Master of science [MSc(Eng)] Normally twelve to twenty-four months following BSc
Doctor of philosophy (PhD) Normally twenty-four to thirty-six months following MSc

Arts

Bachelor of arts (BA) Three years from senior matriculation
Bachelor of arts (honours) [BA(Honours)]
Bachelor of arts/Bachelor of physical and health education (BA/BPHE)
Bachelor of fine art (BFA)
Bachelor of music (BMus)
The faculty of arts and science and the faculty of educa-

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*Ordinary member, AUCC

tion offer a concurrent program which allows students to complete the bachelor of education plus a degree program in the faculty of arts and science simultaneously. Four or five years from senior matriculation depending on the degree program followed in the faculty of arts and science.
Master of arts (MA) Normally one year from BA (Honours) with at least second class standing.
Master of art conservation (MAC) Normally one year from BA(Honours) with at least second class standing.
Master of industrial relations (MIR). Normally one year from BA(Honours) with at least second class standing.
Master of public administration (MPA) A university degree and substantial administrative experience or graduation with above average standing in arts, law or commerce.
Master of urban and regional planning (MPL) Two-year program presenting basic concepts of regional planning and development through seminars, workshops, and individual research.
Doctor of philosophy (PhD)

Business
Bachelor of commerce (BCom)
Diploma in business administration. One year from bachelor's degree in arts, science, or engineering.
Master of business administration (MBA) Two years from bachelor's degree in arts, science, or engineering.
Doctor of philosophy (PhD)

Divinity (Queen's Theological College)
Bachelor of theology (BTh) Four years from acceptance as a mature student
Master of divinity (MDiv) Three years from BA
Master of theology (ThM) Minimum of one year from MDiv
Master of theological studies (MTS) Two or three years from BA.

Education
Bachelor of education (BEd) One year of study after an approved bachelor's degree. Leads as well to Ontario teacher certification.
Diploma in technical education. One year after at least Ontario grade 12 or equivalent and acceptable work experience. Leads as well to Ontario teacher certification for technical or occupational departments in secondary schools.
The faculty of arts and science and the faculty of education offer a concurrent program which allows students to complete the bachelor of education plus a degree program in the faculty of arts and science simultaneously. Four or five years from senior matriculation depending on the degree program followed in the faculty of arts and science.
Master of education (MEd) Full-time or part-time program after honours degree and BEd (or equivalent) and two years of teaching. Also available after general degree and BEd (or equivalent) and four years of teaching.
Special admission requirements allow a limited number of students, who hold an Honours degree with high academic achievement, to be admitted to a full-time thesis program (no teaching experience required).

Law
Bachelor of laws (LLB) Three years of study following three years of a degree course beyond junior matriculation or two years of a degree course beyond senior matriculation or bachelor's degree.
Master of laws (LLM) One-year full-time program. Admission restricted to 12 students. Students must present proof of graduation with high standing from a recognized university.

Medicine
Doctor of medicine (MD) Two full years of university work beyond senior matriculation plus four years of medicine followed by one-year internship.
Master of science (MSc)
Doctor of Philosophy (PhD) in sciences basic to medicine

Nursing
Bachelor of nursing science (BNSc)

Physical education
Bachelor of Arts (BA)/Bachelor of physical and health education (BPHE) The faculty of arts and science and the school of physical and health education offer a concurrent program which allows students to complete a bachelor of arts and a bachelor of physical and health education simultaneously over four years of study.

Rehabilitation therapy
Bachelor of science (BSc) Two programs available. One specializes in occupational therapy and the other in physical therapy.

Science
Bachelor of arts (BA) Three years from senior matriculation.
Bachelor of science (honours) [BSc(Hons)]
The faculty of arts and science and the faculty of education offer a concurrent program which allows students to complete the degree of bachelor of education plus a degree program in the faculty of arts and science simultaneously. Four or five years from senior matriculation depending on the degree program followed in the faculty of arts and science.
Master of science (MSc) Normally one year from BSc(Honours) with at least second class standing.
Doctor of philosophy (PhD)

Continuing education
Part-time studies program: Students may complete program leading to BA with minor concentration through spring term, summer term, and correspondence and night courses. Full degree programs leading to the honours BA or honours BSc are not offered.

Correspondence courses: offered in the fall-winter session.

Night classes: offered during fall-winter session at the main campus and at Belleville and Brockville.

Spring term (May-June), spring-summer evening session (May-June-July) and summer term (July-August) offer courses in the humanities and social sciences at Kingston.

Summer programs: Offered also in Venice and Bermuda.

Admission Requirements

Undergraduate
Ontario: Secondary school students who successfully complete the requirements for the Ontario Secondary School Diploma, including six Ontario Academic Courses or six Grade 13 credits or a combination of both adding up to six credits with an overall average of 60% or better, may be considered for admission.

Applicants who achieve high standing in a two-year diploma program at a polytechnical institute or a college of applied arts and technology are eligible for consideration for admission to an appropriate first-year program. Applicants are considered on an individual basis.

Applicants who achieve high standing in a three-year diploma program at a polytechnical institute or a college of applied arts and technology are eligible for consideration for admission with advanced standing to an appropriate program. Applicants are considered on an individual basis.

Other provinces: Applicants must have academic standing equivalent to Ontario Grade 13. The following certificates or their equivalent are usually recognized: secondary school graduation (grade 12) from Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Prince Edward Island or Saskatchewan. Quebec applicants may offer twelve academic semester credits from a CEGEP or Grade 12 from a private school.

Note: Many of the programs and courses offered at Queen's have prerequisite secondary school (or equivalent) subjects. Details can be found in Your Future at Queen's, obtainable from the admissions office.

Mature Students

Candidates must be at least 21 years of age, out of school for three years, and unable to meet normal admission requirements. Before formal admission is granted, the applicant must either pass one degree credit course in arts or science at Queen's with a minimum of 60 per cent, or obtain an average of 50 to 60 per cent on this course and complete a second course with a minimum average of 60 per cent on the two courses. These courses may be taken intramurally, extramurally, or by correspondence. They count for degree credit on admission.

Senior citizens

Senior citizens, 65 or over or who turn 65 during the term are not required to pay tuition fees. Applicants of this age are normally subject to the same admission standards as mature students.

Graduate

The minimum qualification for admission to a master's program is second class standing in one of the following degrees awarded by a recognized university: a) an honours bachelor's degree in arts or in science; b) a bachelor's degree in applied science or law; c) the degree of doctor of medicine; d) or equivalent.

The qualifications of an applicant who has a bachelor's general degree with not less than a B grade average and has completed one academic year of satisfactory full-time study as a qualifying student may be considered as equivalent.

The minimum qualifications for admission to a doctoral program are: a) master's degree; b) or the admission qualifications for the master's program plus one academic year of satisfactory full-time graduate study at a recognized university.

An applicant to a doctoral program whose academic ability in graduate work has not been established to the satisfaction of the department may be accepted on a master's program with the prospect that, if he proves to be of doctoral calibre, the department will at an early date recommend to division that he be transferred to a doctoral program.

Foreign students

Students from outside Canada may be required to take the Scholastic Aptitude Tests and at least one Achievement Test administered by the Admissions Testing Program of the College Entrance Examination Board, Box 592, Princeton, New Jersey, 08541, U.S.A.

Students whose first language is not English are required to submit satisfactory scores on the Test of English as a Foreign Language (minimum score 580) administered by the Educational Testing Service or the English Language Proficiency Test (minimum score 90) administered by the English Language Institute, Testing and Certification Division, University of Michigan, Ann Arbor, Michigan.

United Kingdom: GCE in seven subjects with at least two at A-level and a minimum grade of C in each subject.

USA: Minimum requirement of grade 12 academic graduation with high standing. Scholastic Aptitude and Achievement Tests of the College Entrance Examination Board, rank in class, and an official profile of school are also required.

Other: Candidates who have achieved university admission level with high standing for universities in their own countries may be considered for admission. Specific requirements for these applicants cannot be established on a general basis.

Application Deadlines

Candidates submit their applications through the Ontario Universities' Application Centre.

Candidates currently enrolled in an Ontario secondary school will be provided with application forms through their schools. Graduates of Ontario secondary schools and candidates from other provinces of Canada and other countries should write for application forms directly to the Assistant Registrar (Admissions).

Final deadlines for receipt of applications to undergraduate faculties: March 1, nursing and rehabilitation; May 15, all other programs; March 31, applications from students residing outside North America; April 15, receipt of interim marks for non-Ontario candidates seeking early conditional admission.

Application to graduate studies may be made at any time of the year. However, as most acceptances and fellowships are adjudicated in March, application should be made early in the year. Applicants from outside Canada should apply before the beginning of the year to compensate for possible delays.

Mature students who intend to enter full-time studies must submit a separate application to the Assistant Registrar (Admissions) by September 1 for the session commencing in September.

Costs (1986-1987)

Tuition: For a full-time undergraduate degree, fees range from $1,264 to $1,608. Unexempted foreign students pay up to $7,063 per year.

In the master's and doctoral degree programs, the structure is based on an initial fee of $1,301, to be charged for one year from master's students and for two years from doctoral students from the master's level. Thereafter, the student would pay $650.50 annually or $216.83 per term, whether full-time, part-time or inactive until the requirements of the degree have been completed. The sums of $1,301 for master's and $2,602 for doctoral students also constitute minimum total fees which have to be paid before the respective degree is granted. Fee for the MBA program is $1,271.

Tuition includes charges for courses, laboratories, library, examinations, and thesis binding (four copies). Foreign students who are not specially exempted will pay an initial annual fee of $6,621 per year for one year for master's students and for two years for doctoral students from the master's level. Thereafter, they will pay $3,310.50 annually or $1103.50 per term, whether full-time, part-time or inactive.

Extramural and summer school courses and courses taken as an extension tutorial class, $252.80.

Residence: Room and board, single $3,329-$3,730; double, $3,293-$3,390. Room only $1,786-$2,029. Costs vary and depend on school, faculty, and year, as length of session varies with program in which student is registered.

Student activity fees: $151.05-$181.50 depending on the Faculty.

All fees subject to change without notice.

Academic Year

Fall/winter session: September to May. Spring term: May to mid-June. Summer term: early July to mid-August.

Grading System

Standing is generally graded as follows: A, 80-100%; B, 65-79%; C, 50-64%; F, 0-49%. Consult individual calendars for details.

Student Aid

Queen's University offers a large number of scholarships and bursaries to students. Other types of financial aid are also available. Details can be obtained from the university calendar or by writing directly to the assistant registrar (student awards).

Student Life and Services

Queen's University was the first university in Canada to introduce student self-government, a tradition which dates back to 1858. All students are members of the Alma Mater Society which: sponsors educational, cultural, and social activities; publishes a newspaper, yearbook, and student directory; supervises non-academic discipline; and participates in the provision of student services. Fourteen students elected annually from the various faculties are members of the university senate, in addition to a representative of the Alma Mater Society. The rector of the University is elected by the student body to serve a three-year term as an administrative ombudsman and member of the board of trustees where he represents the interests of the students. Since 1969 the rector of Queen's has been a student.

The John Deutsch University Centre is the focus for educational and recreational activities on the campus. Along with offices for the student government, the student newspaper, a coffee shop, a dining hall and a pub, the centre also contains a bookstore, a bank, and dry cleaning, hairstyling and tuck shop facilities, as well as several meeting rooms.

Queen's provides opportunities for students to participate in 43 intercollegiate and 27 intramural sports. The George Richardson Memorial Stadium is the home of the Golden Gaels football team. The large physical and health education complex includes dance studios, three gymnasia, a swimming pool, a hockey arena, squash, racquetball and tennis courts, modern weight training equipment, and archery and golf ranges.

The Agnes Etherington Art Centre houses the permanent university collection of art and offers a full exhibition program throughout the year in addition to presenting illustrated lectures, films, and music recitals.

Convocation Hall is the home of the Queen's theatre and provides opportunities for students to take part in drama productions. The music department has a large collection of recordings for classwork and student listening, supported by a library of books and musical scores. There is also a Glee Club, Choral Society, and university band. The student radio club operates CFRC and CFRC-FM. Students may also participate in skin diving, flying, political and field naturalist activities, and social volunteer work.

The university provides residence accommodation for 770 men and women on a room-only basis and for 2,146 men and women on a room-and-board basis. There are two dining halls which accommodate students living in or out of residence.

There are a number of other residences and apartment blocks provided by the university and by student organizations. Students not housed in one of these developments find accommodation in privately owned rooms, apartments and houses distributed throughout the city.

The university day care centre provides cooperative day care for approximately 90 children from six months to five and a half years of age for families of students, faculty, staff, and some community people.

The International Centre in the John Deutsch University Centre is a meeting place and resource centre for international and Canadian students. It serves to promote cross-cultural awareness and understanding in the Queen's and Kingston communities through the following programs and services: international student reception, orientation, and counselling; international clubs; social and cultural events; development education programs and resources; and information on opportunities for work, study and travel abroad. The local CUSO office is also located in the Centre.

The student counselling service provides free psychological and counselling services including individual counselling, psychological testing, and group programs for students, staff, and faculty. The student health service provides for the physical and emotional health needs of all students through the medical clinic and psychiatric division. Students must have hospital and medical insurance and must provide proof of coverage at the time of registration.

Students with a visual or hearing impairment, a mobility problem or a learning disability should contact the Coordinator of Services for the Disabled for information on policies, procedures and support systems and for liaison with academic and administrative departments.

The career planning and placement office provides assistance to students seeking permanent, summer, or part-time employment. The service coordinates on-campus recruiting by major employers and publicizes vacancies received from employers not visiting the campus. Counselling is conducted on both an individual and group basis and is augmented by career seminars and a comprehensive career information resource area. The service is available to all registered students.

Research Institutes

Canadian Institute of Guided Ground Transport. Director: R.M. Renfrew, BASc

Centre for International Relations. Director: D.G. Haglund, BA, PhD

The Centre for Resource Studies. Director: D. Anderson, BA, MA, PhD

The Industrial Relations Centre. Director: Donald Carter, BA, LLB, BCL

Institute for Economic Research. Director: D.D. Purvis, BA, MA, PhD

Institute of Intergovernmental Relations. Director: P.M. Leslie, BA, MSc, PhD

International Centre. Director: Wayne Myles, BA, BEd, MPI

Occupational Health and Safety Resource Centre. Director: R.F.M. Lees, MD, ChB, DPH

Affiliated Institution

Queen's Theological College, Kingston, Ontario K7L 3N6 Telephone, (613) 547-2788. Offers courses in theology leading to the master of divinity, bachelor of theology, master of theological studies, and master of theology degrees (degrees awarded by the university). Established in 1912. Coeducational. Principal: C.G. Hospital, BA, BD, PhD, ATCL

Redeemer Reformed Christian College*

General Information

Address: Redeemer College, 777 Highway 53 East, Ancaster, Ontario, L9G 3K9
Telephone: (416) 648-2131

President: Henry R. De Bolster, BA, MDiv

Enquiries: Direct general correspondence to the Registrar, Cornelis G. Kors, BCom, MA, MDiv

High school liaison: Elizabeth Vander Munnik, BA

Enrolment (1985-1986):
Full-time undergraduate: 247
Part-time undergraduate: 22

Full-time faculty (1985-1986): 19

Total income (1985-1986): $4,777,000

General operating fund income	('000)	
Fees	$ 1,872	39.2%
Gifts	1,120	23.4%
Miscellaneous	65	1.4%
Sub Total	$ 3,057	64.0%
Other funds income		
Ancillary enterprises	$ 520	10.9%
Plant	1,200	25.1%
Sub Total	$ 1,720	36.0%
TOTAL	$ 4,777	100%

History and Governance

Redeemer College was first founded as an unincorporated association in 1976 under the name the Ontario Christian College Association. In 1980 the name was changed to Redeemer Reformed Christian College and a charter was enacted by the Ontario Legislature to operate a degree granting university-level liberal arts institution under that name. The college opened in 1982 and graduated its first students with baccalaureate degrees in 1986.

Redeemer College is a co-educational institution, owned and operated by over 7000 supporting members who are committed to the advancement of Reformed Christian education in all the academic disciplines. The supporting members elect a 23-member Board of Governors in which all the corporate and fiscal powers to operate the college are vested. The Board of Governors, under the supervision of its executive committee has delegated all the day-to-day operating powers of the college to its chief executive officer, the president.

The president is assisted in his task by the Administrative Council consisting of the president, the vice-president (academic), the vice-president (administration and finance), the academic dean, and the business director.

The college has an Academic Council consisting of the president, the vice-president (academic), the academic dean, three members of the faculty, three members holding the ranks of associate professor or professor at public Ontario universities, two members of the Board of Governors, and one student.

The Academic Council has exclusive powers in all matters which are purely academic in nature and advisory powers in all matters which may affect the academic programs of the college.

Buildings and Grounds

The 78-acre Redeemer College campus is located in the town of Ancaster, 15 minutes drive from downtown Hamilton and 50 miles from both Toronto and Niagara Falls. The campus includes residences, lecture halls, classrooms and laboratories, administrative offices, a dining hall, a student lounge, a student centre, faculty offices, a 1,000-seat auditorium, a library, and several auxiliary enterprises including a print shop, a bookstore, and a campus food store. All buildings are accessible to the disabled, and sufficient parking space is available to students and faculty. The college operates its own transportation service to McMaster University which is located 15 minutes from the campus. General public transportation is also available.

A full range of athletic facilities is available including a double regulation size gymnasium with 400 fixed seats, squash courts, playing fields, and an indoor swimming pool which will be constructed in 1987. Ice skating rinks are accessible in nearby facilities.

Libraries

The Redeemer College collection contains more than 65,000 bound volumes, 10,000 titles on microform, 200 periodical subscriptions and 500 records and tapes for a total of 75,700 bibliographic items.

Programs and Degrees

The Bachelor of Christian Studies (BSC) (pass degrees) require three years after the Ontario Secondary School Diploma (OSSD) with 6 Ontario Academic Credits (OACs) or its equivalent, for a minimum of 30 semester courses or 90 credits.

The BCS (Honours) degrees require four years after the OSSD with 6 OACs or its equivalent for a minimum of 40 courses or 120 credits.

The Bachelor of Arts in Education which is offered in conjunction with Calvin College, Grand Rapids, Michigan, requires four years after the OSSD with 6 OACs for the elementary school teachers and five years for high school teachers for 125 and 157 credits respectively.

The credit system in use at the college is one credit for each classroom hour per week per semester. Most regular courses are three credit courses and all lab courses are valued at four credits.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Business

Bachelor of Christian Studies in Business - BCS (Business)

General Studies

Bachelor of Christian Studies in General Studies - BCS (General Studies)

Humanities

Bachelor of Christian Studies in English - BCS (English)
Bachelor of Christian Studies in History - BCS (History)
Bachelor of Christian Studies in French - BCS (French)

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*Provisional member, AUCC

Social Sciences
Bachelor of Christian Studies in Psychology - BCS (Psychology)

Natural Sciences
Bachelor of Christian Studies in Biology - BCS (Biology)

Religious Studies
Bachelor of Christian Studies in Religion - BCS (Religion)

Education
Bachelor of Arts in Elementary Education - BA (Elementary Education)*
Bachelor of Arts in Secondary Education - BA (Secondary Education)*
* in conjunction with Calvin College, Grand Rapids, Michigan

Certificate Program
The Certificate in Arts requires one year to complete after the OSSD with 6 OACs or its equivalent for a minimum of 30 credits, with a minimum of 24 credits to be completed at Redeemer College.

Special Programs
Special programs are available with associated institutions for language- and culture-immersion and for environmental studies.

France: study abroad program open to third-year students having a grade point average of 6.00 (C+) cumulative and 6.00 (C+) in French.

The Netherlands: study abroad program open to third-year and fourth-year students having a 6.5 (C+/B—) cumulative grade point university level Dutch or its equivalent.

Environmental studies program: Open to third-year and fourth-year students having a grade point average of 6.00 (C+) cumulative and 6.00 (C+) in their chemistry and biology courses.

Continuing education
Credit courses: part-time in fall and winter semesters, spring session and summer sessions

Admission Requirements

Ontario: For first year admission, students must satisfy the following: successful completion of an Ontario Secondary School Diploma (OSSD or equivalent) with a minimum average of 60% and the proper advanced level courses (including Ontario Academic credits). Students with fewer than 6 OAC's will be required to complete additional courses if admitted.

Other Canadian Provinces: Applicants from other provinces will be considered for admission on the presentation of an academic program which is the equivalent of Ontario high school graduation.

Transfer Students
Requirements equivalent to those for first-year applicants, plus official transcripts from the qualifying institution with work in good standing (C). The residency requirement demands that the last 30 credits be completed at Redeemer College.

Mature Students
Applicants of 21 years or more who have been out of school for at least two years and who do not fully meet standard academic requirements are assessed on an individual basis. They may be required to write WNAI, SAT, ACT and are placed on academic probation.

Senior students
Senior citizens, 65 or over, are admitted as either regular or mature students depending on their highschool record and are not subject to tuition fees.

Foreign students
Applicants whose native language is not English must demonstrate proficiency in oral and written English by presenting a score of at least 600 in the test of English as a Foreign Language (TOEFL).

The International Baccalaureate, with at least two subjects in the higher level will be considered with a maximum of eighteen credits granted (higher level courses only).

UK and the Commonwealth: General certificate of education, with standing in five subjects, of which at least two are at the advanced (or higher) level.

USA: Academic graduation supported by college entrance test (ie. either SAT or ACT).

Other: Applicants from other countries will be considered for admission if they have completed an academic program similar to the Ontario high school program at an accredited high school or other educational institution and also present satisfactory scores on college entrance exams. These may be either the American college test (ACT), the scholastic aptitude test (SAT), or the preliminary scholastic aptitude test (PSAT). Documents in languages other than English must be accompanied by certified translations.

Application Deadlines

Prospective full-time students seeking admission for the fall and winter terms should apply by May 15. Applications will be processed after this date, but will require payment of a $100 non-refundable late fee, to be credited toward tuition.

Applications for summer session should be made by May 1 or they will be subject to a late fee of $10 and admission will be conditional upon the size of the class.

Costs (1986-1987)

Full-time students: Students taking four courses or more per term, $3,121 per term.

Part-time students: Students who take three courses or fewer per term, $780 per course. Spring and summer semesters $780 per course.

Application fee: $25 application fee before May 15 and $100 after May 15. Both fees are credited towards tuition when the applicant enrols.

Incidental fees: Student activity fee of $100; recreational development fee of $100.

Music fees: (individual lessons per semester). One-hour weekly lessons $260; half-hour weekly lesson $130.

Residence fees: Single room and food service $3600 per semester.
Shared accommodation and food service $2710 per academic year.
Married student apartments $550 per month.

Academic Year

Fall semester: early September to mid-December. Winter semester: early January to the end of April. Spring session: May and June. Summer session: July.

Grading System

Redeemer College uses the 12 point grading system.
Excellent: A+ 12 points, A 11 points, A— 10 points; Good: B+ 9 points, B 8 points, B— 7 points; Acceptable: C+ 6

points, C 5 points, C— 4 points; Unsatisfactory/Barely Passing: D + 3 points, D 2 points, D— 1 point; Failure: F 0 points.

A student must maintain a 5.00 (C) cumulative average in order to be in good academic standing and in order to receive a certificate or degree.

Student Aid

Financial aid for eligible students consists of Canada Student Loans and an institutional program of grants, scholarships and bursaries. Scholarships are awarded purely on academic merit. All other financial assistance is awarded on the basis of need.

No applicatons need to be made for scholarships based on academic merit, but all applications for financial need-based assistance must be made by August 1 for the fall semester, by December 1 for the winter semester, by April 15 for the spring session, and by June 15 for the summer session.

Inquiries concerning student aid should be addressed to: Financial Aid Coordinator, Redeemer College, 777 Highway 53 East, Ancaster, Ontario, L9G 3K9

Redeemer College also provides a significant amount of on-campus employment.

Student Life and Services

Since its inception, Redeemer College students have annually elected a self governing Student Council. The Student Council generally functions as the official voice of the student body in the affairs of the college as a whole. It will supervise most student activities and is responsible for facilitating those activities in which students wish to become involved. The Student Council consists of eight members.

The student body as a whole annually elects a member to the college's Acadmic Council which is equivalent to the University Senate.

There is a student centre which is completely under the supervision of the Student Council. It is a lounging recreational centre.

The student life centre is located within the main academic building and houses the student life offices including career education and placement, the campus chaplain, the health centre, the counselling offices, the student council rooms, the student yearbook and newspaper facilities.

Intercollegiate sports include cross-country running, cross-country skiing, ice hockey, women's volleyball, men's volleyball, women's basketball, men's basketball, women's soccer, men's soccer, and tennis.

Intramural sports include volleyball, badminton, floor hockey, ice hockey, table tennis, pool, basketball, swimming, soccer, and squash.

The fine arts division presents public performances in both the 1,000 seat auditorium on campus and in various localities within instrumental ensembles and dramatic productions. There is also a permanent art gallery and an annual art exhibition.

The residence facilities can accommodate up to 260 students in separate men's and women's town house style residences. All single first- and second-year students are expected to live in the college residences unless they are living with their parents.

The college provides daycare facilities for faculty, staff and students but the operation and responsibility of the centre are under the control and the responsibility of the participants. The college is committed to providing space for the service as required.

Counselling and support services are an integral part of the college community. Each full-time faculty member is the acadmeic program advisor for an average of 13 students each. In addition under the supervision of the resident director there is a resident assistant for each 8 student residents for first and second year students. An experienced counsellor is available to help students with their vocational and/or personal problems. Psychological testing services as an adjunct to this kind of counselling are also available. A college chaplain is available for all spiritual and life style counselling.

The employment and placement office offers self-assessment workshops, skill testing, and counselling career choices. The college also provides a job placement service for both summer students and graduates. Training is also provided to develop job search skills, resume writing, and interview techniques. Assistance is given to students in need of part time employment. A significant number of jobs are available on campus and off campus community opportunities are posted and advertised.

The University of Regina*

General Information

Address: Regina, Saskatchewan S4S 0A2
Telephone: (306) 584-4111
Telex: 071-2683

President and Vice-chancellor: L.I. Barber, OC, BA, BCom, MBA, PhD

For a complete list of the University of Regina faculty, see the Regina University calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, N.A. Stables, BCom, CA

High school liaison officer: Leslie Neilsen

Enrolment (1985-1986):

Full-time undergraduate:	5,369
Part-time undergraduate:	2,731
Full-time graduate:	113
Part-time graduate:	321

Full-time faculty (1985-1986): 378

Total income (1984-1985): $56,887,000

General operating fund income

	('000)	
Government grants	$ 36,686	64.5%
Fees	7,305	12.8%
Miscellaneous	569	1.0%
Sub Total	$ 44,560	78.3%
Other funds income		
Ancillary enterprises	$ 4,720	8.3%
Special purpose and trust	3,895	6.9%
Sponsored research	2,889	5.1%
Plant	823	1.4%
Sub Total	$ 12,326	21.7%
TOTAL	$ 56,887	100%

History and Governance

The University of Regina has a name of recent origin (1974) but a prior history of educational service to the people of Saskatchewan. Regina College, a residential high school of the Methodist Church in Canada, was founded in 1910. In 1912, the main College building was opened on the present College Avenue location. In 1925, Regina College was accepted as an affiliated junior college of the University of Saskatchewan and first year Arts and Science classes were offered. In 1934, the United Church of Canada (successor to the Methodist Church) transferred the College and its property to the University of Saskatchewan. In 1959, the institution was raised to full degree-granting status, making it the second campus of the University of Saskatchewan. The first buildings on the new campus were occupied in the fall of 1965. In 1964 the two teachers' colleges at Saskatoon and Regina became part of the university with all teacher-training programs integrated within the university. The university granted its first degrees in Arts and Science in 1965. On July 1, 1974, the University of Saskatchewan, Regina Campus, by an Act of the Legislature, became the University of Regina. The University currently has three colleges which are federated: Campion College, 1924; Luther College, 1971; and the Saskatchewan Indian Federated College, 1976. Two colleges have acquired affiliation with the University: the Canadian Theological Seminary, 1973; and the Gabriel Dumont Institute of Native Studies and Applied Research, 1983.

The University of Regina is provincial, non-denominational and coeducational. It is governed by a 12-member board of governors, a senate and a council.

Buildings and Grounds

The University of Regina is situated on a 330-acre area on the south-east limits of Regina (population 175,400). The university forms part of a 2,300-acre Wascana Centre project and was designed by an internationally known architect, Minoru Yamasaki. This project is jointly sponsored by the Government of the province, the City of Regina and the University to provide for development of Government and University facilities as well as for community cultural and recreational activities. This scheme has no counterpart in Canada. All buildings on the new campus are built on a common base or podium and it is possible to go from one building to another without going outside. At present, the administration/humanities, classroom, college west, laboratory and library buildings have a common podium with enclosed connecting passageways and common courtyards.

The physical activity centre, Campion College, Luther College, the education building and the student services centre will eventually be joined to future buildings and college west, an academic and residential complex. The university includes the original Regina College campus located on College Avenue with the Norman Mackenzie art gallery and Darke Hall. The fine arts division, university extension and the conservatory of music are located on this campus. All buildings on the main campus are accessible to the physically handicapped.

Library

The University Library includes the Main Library, the Education Branch Library on the second floor of the Education Building and the Fine Arts Branch Library on the College Avenue Campus.

The University Library collections include some 660,000 book volumes, 190,000 governmental publications, 550,000 items in microform and 40,000 other resource materials. The Library Archives includes 798 boxes.

The libraries in the Federated Colleges include the Campion College, 51,000 volumes; Luther College, 7,000 volumes; Saskatchewan Indian Federated College with 6,500 volumes and the University Eeniwuk Collection of 4,300 titles.

Library staff provides special personalized service to handicapped persons requiring library assistance.

Programs and Degrees

Bachelor's degrees require four years (128 credit hours) from senior matriculation unless otherwise specified and master's degrees at least one year from bachelor's degree unless otherwise specified. Doctorates require at least two years from a master's degree unless otherwise specified.

A four-credit course at The University of Regina normally represents four lecture hours per week per semester.

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*Ordinary member, AUCC

For detailed information on programs, see **Degrees and Diplomas** chapter.

Administration

Bachelor of administration (BAdmin)

Master of administration (MAdmin) At least 36 credit hours of classes plus a project.

Diploma of associate in administration (DiplAAdmin) Two years from senior matriculation.

Arts

Bachelor of arts (BA) Ordinary course, three years from senior matriculation. Advanced course, four years from senior matriculation. Honours course, four years from senior matriculation.

Bachelor of arts in design / Not being offered at this time.

Bachelor of fine arts (BFA)

Bachelor of music (BMus)

Bachelor of music education (BMusEd)

Bachelor of arts in journalism and communications

Certificate in visual arts / Two years specified classes from senior matriculation.

Certificate in Indian communication arts / Two years from senior matriculation.

Master of arts (MA) Two years from ordinary BA, one year from honours or advanced BA. Thesis required.

Master of fine arts (MFA) At least two years from BFA.

Master of music (MMus) Thirty-six credit hours from BMus.

Doctor of philosophy (PhD)

Education

Bachelor of education (BEd)

Bachelor of education-elementary (Indian education) [BEd-Elementary (Indian Education)]

Bachelor of music education (BMusEd)

Bachelor of vocational/technical education (BVoc/TechEd)

Certificate of extended studies in education / Two semesters (1 year) from a Bachelor's degree.

Certificate of vocational/technical education One year.

Teaching certification. The university provides classes and programs in teacher education but teaching certificates must be obtained on application from the Saskatchewan Department of Education.

Postgraduate diploma in educational administration (DipEdAdmin) / At least one year from BEd.

Master of education in educational administration (MEd) / At least one year from BEd plus thesis.

Postgraduate diploma in educational psychology / At least one year from BEd.

Master of education in educational psychology / At least one year from BEd plus thesis.

Postgraduate diploma in curriculum and instruction / At least one year from BEd.

Master of education in curriculum and instruction / At least one year from BEd plus thesis or research project.

Postgraduate diploma in vocational/technical education. In the process of being developed.

Master of vocational/technical education. Program in the process of being developed.

Engineering

Bachelor of applied science [BASc (in systems engineering)]. Cooperative work/study program. Five years from senior matriculation. The first two years of traditional engineering (chemical, civil, electrical, etc.) programs are offered for transfer to the University of Saskatchewan.

Postgressional certificate in engineering. Four-year late afternoon and evening program of upgrading and diversification for engineers.

Master of science in engineering (MSc)

Physical activity studies

Bachelor of physical activity studies (BPAS) Three years from senior matriculation.

Certification in physical activity studies (adapted physical education) Four semesters from senior matriculation - evening program in co-operation with university extension.

Science

Bachelor of arts (BA) Ordinary course, three years from senior matriculation. Honours course, four years from senior matriculation.

Bachelor of science (BSc) Ordinary and honours courses.

Bachelor of laboratory technology (BLT) / Three years from senior matriculation.

Students wishing employment in a hospital laboratory must complete a twelve-month apprenticeship and write examinations set by Canadian Association of Laboratory Technologists.

Certificate in laboratory technology [LT(Cert)] / Two years from senior matriculation. Students wishing employment in a hospital laboratory must complete a twelve-month apprenticeship and write examinations set by Canadian Association of Laboratory Technologists.

Certificate in computer science / Two years from senior matriculation.

Master of science (MSc) / At least two years from ordinary BA(science) or BSc plus a thesis. Candidates proceeding to a master of science degree in mathematics may take a report option rather than thesis option.

Doctor of philosophy (PhD)

Social work

Bachelor of human justice (BHJ) Four years from senior matriculation.

Bachelor of Indian social work (BISW) 132 semester hours from senior matriculation.

Bachelor of social work (BSW)

Certificate of human justice (CHJ) / Two years from senior matriculation.

Certificate of Indian social work (CISW) / Seventy-six semester hours of classes after senior matriculation.

Certificate in social work (CSW) / Two years from senior matriculation.

Master of social work (MSW) / At least one and a half years beyond BSW plus a research project.

Pre-professional program

The faculties of administration, arts, and science offer combined and preparatory courses for students intending to enter certain professional colleges such as journalism, dental medicine, law, medicine, optometry, chiropractic, veterinary medicine, dentistry, social work, first year of agriculture, home economics, physical therapy, and occupational therapy and first two years of BSN for holders of RN certification. Students intending to enter any of these programs should, before registering, acquaint themselves thoroughly with requirements and courses of the college or faculty they intend to enter.

Special programs

Bilingual program: three-year program leading to BA and four-year program leading to BEd available. Based on regular degree program and differ only in language of instruction. To qualify under bilingual program, student must complete at least 40 per cent and not more than 60 per cent of classes in French and must register in at least two classes offered in French by a department other than the French department. Contact B. Wilhelm, Acting Director of Bilingual Program, c/o Bilingual Centre, University of Regina, CW 218, 584-4177

Interdisciplinary studies: Canadian plains area study program provides interdisciplinary major and honours studies focused on Canadian plains region. Liberal undergraduate program aimed at understanding a regional society in its broad context. Designed to fulfill requirements of faculties of arts and science. Contact J. McCrorie, Executive Director, Canadian Plains Research Center, 5th floor, Library Building, University of Regina, 584-4758.

Cooperative programs: Cooperative programs enable students to combine full-time job opportunities with full semesters of study in administration, engineering and science (chemistry, computer science, exploration geophysics, laboratory technology, mathematics and physics). The co-op program is mandatory for engineering students. Contact W. Holbrow, Co-ordinator, Co-op Programs, Ad/Hum 108, University of Regina, 584-4600.

Continuing education

Evening and summer session: Undergraduate evening classes both on and off-campus available in wide range of subjects in administration, arts, education, science and social work. Spring and summer sessions offer undergraduate classes in administration, arts, education, engineering, science and social work. Some graduate classes offered.

Extension programs: Certificate in administration requires four years evening study from senior matriculation.
Certificate in data processing: three years evening study from senior matriculation.
Certificate in local government administration: a two-year program of correspondence studies.
Postgressional certificate in engineering; program for graduate engineers leading to a university certificate after approximately four years.
Personnel administration program may lead to certification by Council of Canadian Personnel Association.
Certificate of continuing education (Administration development program): a program of eight specified degree credit classes.
Certificate in public relations: four years evening study from senior matriculation.
Certificate in adult education: four-year evening program.
Extension services for urban and rural communities and organizations include specially designed short courses, seminars and conferences in general and adult education. These include community development, human relations and communication, and current issues in public policy. Individual classes in administration and liberal arts offered as well. Contact H. Kindred, Dean, University Extension, University of Regina, 584-4801.

Admission Requirements

Undergraduate

Saskatchewan: Division IV standing (21 credits in classes approved for admission) and minimum average of 65 per cent on seven approved subject credits necessary.

Other provinces: From high school, Alberta, British Columbia, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island, Northwest Territories, Yukon: grade 12. Newfoundland: Grade 12 or first year standing at Memorial University. Ontario: grade 13. Quebec completion of year one in the CEGEP program (university stream) with appropriate subjects.

Students must have an average of at least 65 per cent on required subjects and must be admissible to a university in their home province.

Note: Applicants seeking admission on the basis of Saskatchewan division IV or satisfactory equivalent Canadian diploma, who have not completed grade ten and eleven credits for English composition and literature or their equivalent at a Canadian secondary institution or in a Canadian correspondence program, will be subject to language requirement listed below under visa students.

Canadian students who apply at least one semester after completing high school and have grade 12 or division IV with 60-65 per cent average may be admissible. In addition, different faculties have different requirements and students must meet the specific requirements of the faculty they intend to enter as well as general university admission standards.

University entrance program

University entrance program admission is granted to students who do not meet normal academic entrance requirements. These students include:

Pre-degree program students: These are students who lack the entrance requirements for any faculty but who intend to proceed to a degree program. A limited number of visa students may be accepted in this category.

Accelerated Students: These are students enrolled in a secondary school who wish to take university classes in areas of special interest or ability. These students will be allowed to register on presentation of a letter of approval from their school principal.

General Interest Students: These are students who wish to take classes for interest or enrichment. They may enrol in up to 32 hours of classes at the 100 and 200 level within UEP Admission. Higher level classes may be taken only if all prerequisites are met and there is permission from the appropriate dean's office. Students who have been required to discontinue from this or any other university are not eligible for admission until two semesters have elapsed since previous attendance.

For further information, consult the special admissions officer of the university.

Special students

These are students who meet the entrance requirements of the university but who are not pursuing a degree at the University of Regina.

- Visiting students are in programs at another recognized post-secondary institution and wish to take classes at the University of Regina for credit at their home institution. The student will be enrolled as a Special student on presentation of a letter of support from a senior official at the institution in which he/she is registered. The letter must be directly sent to the University of Regina from the home institution.

- Casual students are students who wish to take classes but are not interested in a degree program. These students may take classes for which they have the prerequisites or with the permission of the head of the academic unit.

- Non-degree Professional Program students are students who wish to take classes in order to satisfy requirements for an external professional organization (e.g., RIA, PEng, Teaching Certificate, Psychiatric Nurses Certificate).

Senior citizens
Senior citizens, 65 or over, are exempt from tuition fees. If proceeding towards a degree or certificate these applicants must meet normal admission standards or apply as a pre-degree program student under the University Entrance Program (UEP). If not proceeding towards a degree, certificate or other academic qualification, seniors should apply as either a general interest student under UEP, or as a casual student (see above).

Graduate
Applicants must hold a baccalaureate degree equivalent to an honours bachelor's degree from the University of Regina, and have at least the equivalent of a cumulative grade point average of three in their undergraduate work.

Foreign Students
Applicants must present original documents covering present academic standing and should write to the office of the registrar for detailed information concerning admission requirements for the faculty to which they are seeking admission.

All applicants from countries other than Canada must submit evidence of facility in English sufficient to meet demands of classroom instruction and written assignment. This evidence must take one of the five forms: a) Completion of Grade X, XI and XII English in sequence in the Saskachewan high school system or an acceptable equivalent; b) The Test of English as a Foreign Language (TOEFL) with a minimum score of 600; c) The Michigan Test of English Proficiency with a minimum score of 85; d) The Regina Test of English Proficiency with a minimum score of 85; e) The Comprehensive English Language Test (restricted to Francophone students) with a minimum score of 50. Applicants who meet one of the above criteria and whose academic subjects and grades meet entrance requirements may be admitted directly to a Faculty.

The results of the TOEFL must be received by the Office of the Registrar directly from the Educational Testing Service before the deadline for receipt of applications, otherwise the student's application for admission may be rejected.

Applicants must make their own arrangements to write the TOEFL test. For more information, please contact: Test of English as a Foreign Language, Box 899, Princeton, New Jersey, USA 08541

The Regina Test of English Proficiency is administered on campus by the University of Regina for prospective students residing in Canada. A non-refundable, non-transferable test fee must be paid when a student registers for the test.

For information concerning test dates and registration contact: English as a Second Language Office, Room 121, Campion College Building, University of Regina, Regina, Saskatchewan S4S 0A2

Application Deadlines

For winter semester, out of country students must apply by October 15 and Canadian students by December 15. For fall semester, out of country students must apply by June 15, out of province students by July 31 and Saskatchewan students by August 15.

The university reserves right to refuse admission even when stated requirements for entrance have been satisfied. Enrolment in any faculty limited to number of students that can be accommodated.

Costs (1986-1987)

Tuition fees: For all degree credit classes for all faculties and all programs, including Graduate Studies, are assessed on the basis of $35.25 per credit hour.

A full-time student, undergraduate or graduate, is one who is registered for a minimum of 12 credit hours per semester. The regular class load, however, is 16 credit hours per semester/32 credit hours per year. Students registered in less than 12 credit hours per semester are considered to be part-time students.

Residence fees: College West - Single room $644 per semester/$1,288 per academic year; shared accommodation $499 per semester/$998 per academic year. Cafeteria service is available seven days a week during posted times.

Luther College - Single room and board $1,465 per semester/$2,830 per academic year; Luther College cafeteria is open seven days a week from 7:30 a.m. to 6:30 p.m.

Married students apartments are not available at either residence.

All fees subject to change without notice.

Academic Year

Fall semester: September to December. Winter semester: January to April. Spring session: early May to mid-June. Summer session: early July to mid-August. The campus operates on a modified trimester system.

Grading System

Standing will be determined on the basis of weighted percentage average (WPA) computed be dividing the sum of the credit hours times the marks accumulated during the semester by the total credit hours attempted: WPA = The sum of (credit hours x marks) ÷ The sum (credit hours). AG, aegrotat standing (shown on academic record of graduate students only); AU, audit (no credit); C, credit for hours shown; DE, deferred examination; EX, exempt; F, failure; IN, incomplete; IP, in progress; N, no credit for hours shown; NP, no paper; NR, grades not received from instructor; P, pass standing; W, withdrew from class; WF, withdrew, failing grade. Although each Faculty sets its own standards for promotion, the University Council has approved minimum requirements for eligibility for graduation as follows:

(1) A minimum average of 60% for graduation.
(2) An average of 70% in all classes taken for admission to an honours program.
(3) A minimum average of 80% for graduation with distinction.
(4) A minimum average of 85% for graduation with great distinction.
(5) An average of at least 70% on a four-year baccalaureate degree for admission to a graduate degree program, and an average of 65% for admission to a graduate diploma program.
(6) A maximum mark of 45% will be awarded to students who do not satisfy a mandatory component of a class. This mark of 45% will only be given in a case where a

student was required by an instructor in writing at the beginning of the semester to fulfill a specific requirement, and the student did not fulfill his requirement and yet had a passing average.

(7) Pass/fail classes will be considered non-contributory for a student's weighted percentage average.

Student Aids

The university has scholarship programs for full-time students at the matriculation, undergraduate and graduate levels. The basis for awarding these may be either financial need or academic standing. Applications are required for these and inquiries should be directed to the awards office (Room AH 213.19, University of Regina). A number of private scholarships and bursaries are administered by the university and application forms for these are available at the office of the registrar. Assistantships are offered at both the graduate and undergraduate levels. At the graduate level, teaching assistantships are funded equally by the government and the university and teaching fellowships are funded entirely by the university. At the undergraduate level, two assistantships are available which are individually funded. All students who can demonstrate financial need are expected to apply for assistance under the Canada Student Loans Plan and the Saskatchewan government bursary program. For further information, students should contact the student financial services branch, Saskatchewan department of Advanced Education and Manpower, Humford House, 1855 Victoria Avenue, Regina, Saskatchewan S4P 3V5, or the Awards Officer, University of Regina, Regina, S4S 0A2.

Student Life and Services

The Students' Union is the organization established by students at the University of Regina to present their views to the university, the general public and the government. The Union collects fees from all full-time students to finance programs determined by the student body. The Union has numerous directorates, programs and positions open to students who are interested in promoting particular programs of interest to themselves and other students. The union meetings are open and students are actively urged to attend and contribute to the business of the Union. The Union establishes and finances several satellite organizations to allow students in a particular area to effect and control routine aspects of that area of concern. The Union has offices in the Student Service Centre building at which you can inquire about any aspect of the Union, its programs and services as well as the role of the student in the University. A Student Service Building was completed in the spring of 1969 and has lounging areas, and Students' Union Offices. Telephone: 586-8811. The union is represented on the board of governors, the senate, executive of council, and university and faculty committees. The student newspaper, The Carillon, is published weekly throughout the fall and winter semesters.

The intramural program offers a multitude of competitive and recreational leagues for the men and women of the unversity community. Activities such as tennis, touch football, floor hockey, basketball, badminton, and swimming highlight the intramural opportunities for men and women. Co-educational leagues in volleyball, 3 on 3 basketball, slo-pitch, curling, and badminton have traditionally been popular. Special events such as canoe races, golf, squash, and racquetball tournaments, turkey trots, cross country skiing, and "tug of war" are also provided to promote fun and social affiliation. For those who wish to pursue some sporting interest in greater depth, the University offers the Sports Clubs program. Some people join to learn how to play a sport better, some join to compete on and off campus in city and/or interprovincial play. Sports clubs include hockey, karate, fencing, swimming, diving, team handball, indoor soccer, track and field, lifeguard, rowing, kung fu, and aikido. The university is a member of the Great Plains Athletic Conference competing with the universities of Manitoba, Winnipeg, Brandon and Lakehead on a regularly scheduled basis. Current activities include hockey and wrestling, and basketball and volleyball for men and women.

The University has a number of ensembles which are open for student participation. These incude: the University Concert Choir, the University Concert Band, University Chamber Singers, University Chamber Orchestra, University Jazz Ensemble, Collegium Musicum and the University Opera Ensemble.

Luther College provided the first residence accommodation on campus and has facilities for 216 students. College West, a coeducational residence for 344 students, features furnished apartments for six to 12 students.

A Student Housing Registry is located the Students' Union Business Office to assist students in locating off-campus accommodation. An examinations registry is also maintained here for interested students.

An information Kiosk is located in the main library foyer to handle inquiries for general campus information (584-1411).

The student health clinic, with an attending physician, is open to students, faculty, staff and visitors, Monday through Friday. The university provides a nurse to give assistance to the injured or sick during clinic hours.

The University Day Care and the Wascana Day Care are located adjacent to the university. Both are co-operatives and offer reliable, licensed service. Children are accepted from 18 months to five years. Government subsidies are available.

Students who are residents of the province of Saskatchewan have coverage under the Saskatchewan hospital services plan and the medical insurance commission. Students from other provinces in Canada should maintain health coverage under their home province plan while attending university in Saskatchewan. Students applying for residence in Saskatchewan have coverage from the date they establish residence but are required to apply for it at the T.C. Douglas building. Other students should, through the university, arrange for insurance coverage to be effective throughout the three-month waiting period.

An international students' advisor is provided to assist students on visas, and visitors to the campus from outside the country, with the special problems they face. He is Mr. Sel Murray who is located at Room 210, Administration/Humanities Building, telephone 584-4017.

Students, faculty and employees of the university are offered the services of chaplains.

Academic counselling is provided to students who enter with an adequate educational background by the faculty to which they are admitted.

For the student who is uncertain about the choice of a faculty or study program, or who does not have the full educational background for normal admission, the office of the Dean of Student Services offers counselling and programs which lead to admission to faculties and their degree programs. The office is located in room 210, Administration-Humanities Building (telephone 584-4077), and students are invited to enquire at any time.

Also available on campus is a general counselling service which offers assistance to students with emotional and personal problems and provides some vocational guidance.

The Canada Employment and Immigration Commission maintains an office on campus. The services of this office are available in the fall and winter semesters and offer assistance to students seeking permanent, summer or part-time employment.

The University encourages handicapped students to investigate the possibility of a university education, whatever their handicap. We aim to provide services that will enable them to approach their studies with a minimum of difficulty. Counselling, special arrangements with instructors, and new technologies to assist the handicapped are available. A Kurzweil Reading machine is located in the Chaplain's Office for use by the visually handicapped. Interested students should contact Rev. Owen Still, University Chaplain and Advisor to Handicapped Students, at College West 112, or telephone 584-4358.

Special assistance in areas such as lectures, reading assignments and examinations, is available to handicapped students. For information, students should contact the dean's office.

The university bookstore on the main campus is open Monday through Friday and in the evening at the beginning of classes in September and January.

Unless using a metered stall, a student may park on campus only if a parking permit has been paid for and is visibly displayed as required on his vehicle. Application forms for parking permits are available at the university business office.

Research Institutes

Canadian Plains Research Center. Executive director: J. McCrorie, BA, MA, PhD

Energy Research Institute. Director: L.W. Vigrass, BE, MSc, PhD

Regina Water Research Institute. Director: D.R. Cullimore, BSc, PhD

Affiliated Colleges

Canadian Theological Seminary, 4400 4th Avenue, Regina, Saskatchewan S4T 0H8. Offers degrees in theology. Courses taken at the college can be credited towards the University's BA degree program. President: R.A. Boda, BS, MDiv

Gabriel Dumont Institute of Native Studies and Applied Research, 121 Broadway Avenue East, Regina, Saskatchewan, S4N 0Z6. Director: T. Pyrch.

Federated Colleges

Campion College, Regina, Saskatchewan. See separate entry.

Luther College, Regina, Saskatchewan. See separate entry.

(SIFC) Saskatchewan Indian Federated College, Regina, Saskatchewan. See separate entry.

Royal Military College of Canada*

Le texte français se trouve à la suite/French version follows

General Information

Address: Kingston, Ontario K7K 5L0
Telephone: (613) 545-7302

Commandant: Brigadier-General W. Niemy, CD, ADC, rmc, pfsc, BASc, PEng

For a complete list of Royal Military College of Canada faculty, see the college calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, Captain (N) (Ret'd) P.C. Fortier, CD, rmc, BA, DipBusAdm

High school liaison officer: Barbara J. Leslie, Assistant Registrar.

Enrolment (1985-1986):	
Full-time undergraduate:	772
Part-time undergraduate:	33
Full-time graduate:	64
Part-time graduate:	26
Full-time faculty (1985-1986):	169

Total income derived from federal funds.

History and Governance

The Royal Military College of Canada had its beginning in 1874 when the Dominion government decreed by act of parliament that there be established in one of the garrison towns of Upper Canada "an institution for the purpose of imparting a complete education in all branches in military tactics, fortification, engineering, and a general scientific knowledge of the military profession, and for qualifying officers for command and for staff appointments". The site selected was the old naval dockyard on Point Frederick immediately east of Kingston. The college opened in June 1876 and the title "Royal" was conferred on the college by Queen Victoria in 1878. The college closed in 1942 for the duration of the war and reopened in 1948 as a tri-service college. A degree-granting charter was obtained from the Ontario legislature in March 1959 for the conferment of degrees in arts, science, and engineering. The first degrees were awarded in 1959.

An advisory board makes recommendations to the minister on all matters pertaining to the college. Under the Royal Military College of Canada Degrees Act, 1959, the senate has the power to grant degrees.

Buildings and Grounds

The college is situated east of Kingston (population 60,500) on a peninsula of approximately 110 acres. It has nine teaching buildings including laboratories and workshops, a library, four gymnasia, a student facilities building that includes a swimming pool, four dormitories and several other administrative and athletic buildings.

Libraries

There are two libraries to serve cadets and graduate students.

The Arts and Special Collections division housed in Massey Library provides books and information service in support of learning and research work in the humanities and social services.

Reading rooms, microform reading facilities and reference services are available. The book stacks are open to users. The fine arts lounge, in which prints and pictures are exhibited, provides a quiet atmosphere for reading and relaxing, and is equipped for listening to recorded music, poetry, or drama.

The library of the science and engineering division provides book and information service to support learning and research in the science and engineering fields. This open stack library provides study space, microform reading facilities and reference services. The collections of the division include some 20,500 books, 11,760 journal volumes, and 8,272 technical reports.

Special collections: The arts collection includes some 154,000 books, 30,000 public documents, 500 journal titles, 4,100 reels of microfilm, and 3,700 microfiches, together with special collections - prints, photographs, archival material, and military artifacts.
Military Studies Collection
Canadian Military History Collection.

Programs and Degrees

General and honours bachelor's degrees require four years (20 credits) from senior matriculation unless otherwise specified. Although the stated minimum for a master's degree is one year from an honours bachelor's degree most master's degree programs require two academic years plus the intervening summer, 18 months of full-time study or three years of half-time study.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) Honours and general programs.
Master of arts (MA) Minimum one year from honours BA.

Engineering

Bachelor of engineering (BEng)
Master of engineering (MEng) Minimum one year from BEng or equivalent with second-class standing.

Science

Bachelor of science (BSc) Honours and general program.
Bachelor of science [(BSc) Science (Applied)]
Master of science (MSc) Minimum one year from honours BSc.

Special programs

Interdepartmental programs available leading to MA in war studies and MSc in materials science. Students enter war studies program after first degree in arts, science, or engineering with second-class standing. Students enter materials science after first degree in appropriate field of science or engineering with second-class standing.

Admission Requirements

Undergraduate

Canadian students: Applicants must be Canadian citizens, preferably between the ages of 16 and 21. To meet the minimum requirements for admission, candidates must present satisfactory marks in specific entrance subjects as well as have completed the following educational levels:

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* Ordinary member, AUCC

Newfoundland: first year university or its equivalent. Ontario: grade 13. Quebec: CEGEP I or its equivalent. All other provinces: grade 12. In addition to general and academic admission standards, service enrolment standards must be met.

Students who have completed two years of study beyond senior matriculation at Royal Roads Military College or three years of study beyond junior matriculation at Collège militaire royal de Saint-Jean will be admitted to third year.

Canadian students who have completed their education outside Canada will be considered for admission. The following academic standings may be submitted.

UK: GCE O-level in English, French, mathematics, physics, chemistry accepted as equivalent to junior matriculation. In addition, at least mathematics and physics at A-level required for Royal Military College and Royal Roads Military College.

USA: High school grade 12 academic graduation accepted as equivalent to junior matriculation. In addition, one year at approved college or university including English, mathematics, and physics required for Royal Military College and Royal Roads Military College. Exceptionally high standing at high school level may be acceptable.

Other: Applicants submitting international baccalaureate considered for admission.

Graduate

Admission restricted to regular officers of the Canadian Armed Forces. Students are posted to the college on full pay and allowances and may pursue studies on full-time and part-time basis, the latter in conjunction with other college duties.

Foreign Students

Only Canadian citizens are eligible.

Note: Both English and French are languages of instruction and full degree courses are offered in both languages. All examinations may be taken in either language.

Costs (1986-1987)

College fee: $1000. This fee includes tuition, supplies, and uniforms. Cadets attending under the Regular Officer Training Plan have their fees paid and those holding Dominion cadetships have their first-year fees paid.

Residence and meals: Payable at the same rate charged to ROTP cadets (approximately $190 per month while in residence at the college).

Recreation club fee: $80

Academic Year

The college year is divided into three terms. Fall and winter terms together provide a period of 33 weeks instruction including examination periods. From September to May inclusive, approximately 85 per cent of instruction is in academic subjects, and the remainder in military subjects. The summer term, extending from June to mid-August, is spent in practical military training with the armed forces.

Grading System

Standing is graded as follows: A, 75-100%; B, 66-74%; C, 60-65%; D, 50-59%; E, 35-49% (failure); F, below 35% (serious failure).

Student Aid

Scholarships are awarded in recognition of academic merit and may be retained under the Regular Officer Training Plan. Applicants under the Reserve Entry Training Plan are also eligible for a number of scholarships and bursaries. Details are available from the registrar. Through the Royal Military College Club of Canada Foundation Scholarship, a number of scholarships are open annually to competition among all reserve entry applicants for admission to the Canadian military colleges. Each scholarship has a value of $1,000 per year until graduation from the Royal Military College of Canada. To be awarded a scholarship, an applicant must be an accepted reserve candidate for Royal Military College of Canada (Kingston, Ontario), Royal Roads (Victoria, B.C.), or Collège militaire royal de Saint-Jean (Saint-Jean, Québec). Information is available from the secretary-treasurer, RMC Club of Canada at the Royal Military College of Canada in Kingston. In addition, Dominion cadetships are offered to candidates admitted to first year at the Canadian military colleges under conditions outlined in the calendar. Applications for cadetships must be made in writing by March 1 and sent to the director of recruiting and selection, National Defence Headquarters, Ottawa, Ontario K1A 0K2.

Student Life and Services

Cadets are required to live in residence and all student services are provided.

Regular cadets are members of the Canadian Armed Forces and receive medical services free of charge. A small clinic is located on campus.

As a military institution, the college provides all military counselling through cadet and officer counsellors. Academic counselling is provided through the registrar's office and academic departments. Each cadet has a regular force squadron commander and an academic instructor as a counsellor.

Cadets who are members of the Regular Officer Training Plan receive full subsidization for their entire program. Both Regular Officer Training Plan and Reserve Entry Training Plan students spend the summer at various Canadian Armed Forces units training for future careers as members of Canada's Officer Corps.

Other Canadian Military Colleges

Collège militaire royal de Saint-Jean, Saint-Jean, Québec, J0J 1R0 Telephone, (514) 346-2131. Established 1952. Offers degree programs in arts, science and administration. Cadets wishing to graduate in degree program not offered at their military college may transfer to another college. Such transfers are usually made into third year. Commandant: Brigadier-General R.J. Parent, OMM, CD, ADC, rmc, BSc

Royal Roads Military College, Victoria, British Columbia V0S 1B0 Telephone, (604) 380-4514. Established 1942. Offers degree program in arts and science. Cadets wishing to graduate in degree program not offered at their military college may transfer to another college. Such transfers are usually made into third year. Commandant: Captain (N) A.J. Goode, CD, ADC, pfsc, BA

Royal Military College of Canada*

Renseignements généraux

Adresse: Kingston (Ontario) K7K 5L0
Téléphone: (613) 545-7302

Commandant: le Brigadier général W. Niemy, CD, ADC, rmc, pfsc, BASc, PEng

Pour la liste complète des membres du corps professoral du Royal Military College of Canada, prière de vous reporter à l'annuaire du collège ou au *Commonwealth Universities Yearbook*.

Demandes de renseignements: Prière d'adresser la correspondance générale au secrétaire général, Capitaine (M) (Ret.) P.C. Fortier, CD, rmc, BA, DipBusAdm

Agent de liaison: Barbara J. Leslie, secrétaire général adjoint.

Inscriptions (1985-1986):

1er cycle à temps plein:	772
1er cycle à temps partiel:	33
2e et 3e cycles à temps plein:	64
2e et 3e cycles à temps partiel:	26

Professeurs à temps plein (1985-1986): 169

Revenu total provenant de subsides du gouvernement fédéral.

Historique et statuts

Le Royal Military College of Canada a été établi en 1874 alors que le gouvernement du Dominion décrétait, par un acte du Parlement, l'établissement, dans une des villes de garnison du Haut-Canada, "d'une institution dont le but serait de donner une instruction complète dans toutes les branches de la tactique militaire, la fortification et le génie et une connaissance scientifique générale de la profession militaire et d'assurer la formation d'officiers qui seront affectés aux postes de commandement et d'état-major".

Le site choisi a été celui de l'ancien chantier naval de la pointe Frederick, immédiatement à l'est de Kingston. Le collège a ouvert ses portes en juin 1876. Le titre "Royal" lui a été conféré par la reine Victoria en 1878. Le collège a été fermé en 1942 et jusqu'à la fin de la guerre et a rouvert ses portes en 1948 en tant que collège interarmes. En mars 1959, la législature de l'Ontario octroyait au collège une charte l'autorisant à décerner des grades en arts, en sciences et en génie. Les premiers grades ont été décernés en 1959.

Un comité consultatif formule des recommandations à l'intention du ministre, sur tous les sujets qui concernent le collège. En vertu de la Royal Military College of Canada Degrees Act de 1959, le Conseil a le pouvoir de décerner des grades.

Bâtiments et terrains

Le Collège est situé à l'est de Kingston (population de 60,500 âmes), sur une péninsule de quelque 110 acres. Il se compose de neuf édifices destinés à l'enseignement, y compris les laboratoires et les ateliers, une bibliothèque, quatre gymnases, un édifice aménagé à l'intention des étudiants qui comprend une piscine, quatre dortoirs et plusieurs autres édifices destinés à l'administration et aux sports.

Bibliothèques

Les élèves-officiers et les étudiants du deuxième cycle ont deux bibliothèques à leur disposition: la bibliothèque Massey et la bibliothèque des sciences et du génie.

La bibliothèque Massey a pour but de fournir les ouvrages et les renseignements utiles à l'étude et à la recherche dans le domaine des lettres et des sciences humaines. Elle abrite des salles de lecture, des appareils de lecture pour microformats et un service de référence. Tous les usagers ont accès aux rayons. Au salon des beaux-arts où sont exposés des dessins et des gravures, il est possible de lire et de se détendre dans le calme tout en écoutant des enregistrements d'oeuvres musicales, poétiques et théâtrales. La bibliothèque Massey est riche de quelque 154,000 volumes, 30,000 publications gouvernementales, 500 revues, 4,100 bobines de microfilms et 3,700 microfiches.

La bibliothèque des sciences et du génie a pour but de fournir les ouvrages et les renseignements utiles à l'étude et à la recherche dans le domaine des sciences et du génie. Elle abrite des salles d'étude et des cabinets de travail, des appareils de lecture pour microformats et un service de référence. Son fonds compte quelque 20,500 ouvrages, 11,760 volumes de revues et 8,272 rapports techniques. Tous les usagers ont accès aux rayons.

Collections spéciales: Gravures, photographies, documents d'archives et objets militaires.
Fonds de science militaire
Collection sur l'histoire militaire du Canada

Programmes et grades

Le baccalauréat général et le baccalauréat spécialisé exigent quatre années d'études (20 crédits) après l'obtention du diplôme supérieur d'études secondaires, sauf indication du contraire. Bien qu'un minimum d'une année d'études soit exigé après l'obtention du baccalauréat spécialisé, aux fins d'une maîtrise, la plupart des programmes de maîtrise exigent deux années universitaires en plus de l'été qui fait le pont, 18 mois d'études à plein temps ou trois années d'études à temps partiel.

Trois crédits représentent d'ordinaire trois heures de cours par semaine pendant un trimestre.

On trouvera des détails sur les programmes au chapitre **Grades et Diplômes.**

Arts

Baccalauréat ès arts (BA) Programme général et programme spécialisé.
Maîtrise ès arts (MA) Au moins un an après l'obtention du baccalauréat spécialisé.

Génie

Baccalauréat en génie (BEng)
Maîtrise en génie (MEng) Minimum d'un an après l'obtention du BEng ou l'équivalent avec mention bien.

Sciences

Baccalauréat ès sciences (BSc) Programme général et programme spécialisé.
Baccalauréat ès sciences [(BSc) en sciences (appliquées)]
Maîtrise ès sciences (MSc) Minimum d'un an après le BSc spécialisé.

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* Membre ordinaire de l'AUCC

Programmes spéciaux

Le collège offre des programmes interdisciplinaires qui conduisent à l'obtention de la maîtrise ès arts (études sur la conduite de la guerre) ou de la maîtrise ès sciences (sciences des matériaux). Le programme d'études sur la conduite de la guerre est ouvert aux candidats qui ont obtenu un premier grade en arts, sciences ou génie avec mention bien. Le programme d'études en science des matériaux est ouvert aux candidats qui ont obtenu un premier grade dans un domaine approprié des sciences ou du génie, avec mention bien.

Conditions d'admission

Baccalauréat

Étudiants canadiens: Les candidats doivent être citoyens canadiens et, de préférence, être âgés de 16 à 21 ans. Pour satisfaire aux exigences minimales d'admission, les candidats doivent avoir conservé des notes satisfaisantes dans certaines matières expressément exigées et avoir terminé les études aux niveaux indiqués ci-après: Terre-Neuve: première année d'université ou l'équivalent; Ontario: 13e année; Québec: Cegep I ou l'équivalent; toutes les autres provinces: 12e année. En plus de satisfaire aux conditions générales d'admission et de posséder le degré d'instruction requis, le candidat doit satisfaire aux normes d'enrôlement dans les Forces canadiennes.

Les étudiants qui ont terminé deux années d'études au-delà du diplôme supérieur d'études secondaires au Royal Roads Military College ou trois années d'études au-delà du diplôme supérieur d'études secondaires au Collège militaire royal de Saint-Jean seront admis en troisième année.

On prendra en considération la demande d'admission d'étudiants canadiens qui ont terminé leurs études à l'étranger. Les points conservés aux niveaux ci-après peuvent être présentés:

Royaume-Uni: Le "GCE 0-level" en anglais, français, mathématiques, physique, chimie est accepté comme équivalent du diplôme d'études secondaires. En outre, au moins le "A-level" en mathématiques et physique est requis par le Royal Military College et le Royal Roads Military College.

États-Unis: Le diplôme obtenu à la fin de la 12e année est accepté comme équivalent du diplôme d'études secondaires. En outre, une année d'études dans un collège ou une université reconnus est requise en anglais, mathématiques et physique pour le Royal Military College et le Royal Roads Military College. Un niveau exceptionnellement élevé atteint à l'école secondaire pourrait être accepté.

Autre: On étudiera la candidature des étudiants qui possèdent un baccalauréat international.

Grades supérieurs

L'admission est limitée aux officiers de la force régulière des Forces armées canadiennes. Les étudiants sont postés au collège et touchent leur plein salaire et toutes leurs indemnités et ils peuvent poursuivre leurs études soit à plein temps, soit à temps partiel; dans ce dernier cas, ils remplissent en même temps d'autres tâches au collège.

Étudiants étrangers

Seuls les citoyens canadiens sont admis.

Note: Les cours sont donnés en français et en anglais et des programmes complets conduisant à l'obtention d'un grade sont offerts dans les deux langues. Tous les examens peuvent être passés dans l'une ou l'autre langue.

Frais (1986-1987)

Droits de scolarité: $1,000 par an. Servent à acquitter le coût de l'enseignement, du matériel scolaire et des uniformes. Pour les élèves-officiers qui participent au Programme d'instruction pour la formation d'officiers de la force régulière, les frais sont payés et pour ceux qui bénéficient d'une bourse aux cadets du gouvernement fédéral, les frais de première année sont payés.

Nourriture et logement: Aux taux applicables aux élèves-officiers inscrits au Programme d'instruction pour la formation d'officiers de la force régulière (environ $190 par mois pendant le séjour de l'élève-officier au Collège).

Droits du club récréatif: $80.

Année universitaire

L'année universitaire est divisée en trois sessions. Les sessions d'automne et d'hiver réunies correspondent à une période d'instruction de 33 semaines, y compris les périodes d'examen. De septembre à mai inclusivement, environ 85 p. 100 de l'instruction se donne dans les matières universitaires et le reste est réservé aux disciplines militaires. La session d'été va de juin à la mi-août et est consacrée à la formation militaire pratique dans les Forces armées.

Système de notation

Les notes sont établies ainsi qu'il suit: A, 75-100 p. 100; B, 66-74 p. 100; C, 60-65 p. 100; D, 50-59 p. 100; E, 35-49 p. 100 (échec); F, moins de 35 p. 100 (échec grave).

Aide aux étudiants

Des bourses d'études sont accordées au mérite et peuvent être conservées en vertu du Programme d'instruction pour la formation d'officiers de la Force régulière. En vertu du Programme de formation des officiers de la Réserve, un certain nombre de bourses sont également offertes. Pour obtenir de plus amples renseignements, les candidats peuvent s'adresser au Secrétaire général.

Par l'entremise de la Royal Military College Club of Canada Foundation, un certain nombre de bourses sont mises au concours, tous les ans, parmi tous les candidats de la Réserve qui demandent à être admis dans les collèges militaires du Canada. Chaque bourse a une valeur de $1,000 par an jusqu'à la fin des études au Royal Military College of Canada. Pour avoir droit à une bourse, le candidat doit être un membre de la Réserve accepté au Royal Military College of Canada, Kingston (Ont.), au Royal Roads Military College, Victoria (C.-B.) ou au Collège militaire royal de Saint-Jean, Saint-Jean (Qué.). Pour obtenir de plus amples renseignements, les candidats peuvent s'adresser au secrétaire-trésorier du RMC Club of Canada, Royal Military College of Canada, Kingston. En outre, des bourses aux cadets sont offertes par le gouvernement fédéral aux candidats admis en première année dans les collèges militaires du Canada, aux conditions indiquées dans l'annuaire. Les demandes de bourses aux cadets doivent être adressées par écrit, avant le 1er mars, au directeur du recrutement et de la sélection, Quartier général de la Défense nationale, Ottawa, (Ont.), K1A 0K2.

Vie étudiante et services aux étudiants

Tous les élèves-officiers doivent résider au collège et tous les services aux étudiants leur sont fournis.

Les élèves-officiers des cours réguliers sont membres des Forces armées canadiennes et ont droit aux services médicaux sans frais. Une petite clinique se trouve sur le campus.

En tant qu'institution militaire, le collège fournit tous les services d'orientation militaire, lesquels sont assurés par des officiers et des élèves-officiers. L'orientation universitaire est assurée par le bureau du secrétaire général et par les départements. Chaque élève-officier a pour conseiller un commandant d'escadron des forces régulières et un professeur.

Les élèves-officiers qui participent au Programme d'instruction pour la formation d'officiers de la Force régulière (PIFOFR) bénéficient du plein montant des subsides pendant toute la durée du programme. Les élèves qui participent tant au PIFOFR qu'au Programme de formation des officiers de la Réserve (PFOR) passent l'été dans diverses unités des Forces armées canadiennes qui les préparent à leur future carrière dans le corps des officiers du Canada.

Autres collèges militaires du Canada

Collège militaire royal de Saint-Jean, Saint-Jean (Québec) J0J 1R0 Téléphone, (514) 346-2131. Établi en 1952. Offre des programmes d'études conduisant à un grade en arts, en sciences et en administration. Les élèves-officiers désireux d'obtenir un grade qui n'est pas offert au collège militaire où ils sont inscrits peuvent être mutés à un autre collège. Cette mutation se fait ordinairement à la fin de la deuxième année. Commandant: le Brigadier-général R.J. Parent, OMM, CD, ADC, rmc, BSc

Royal Roads Military College, Victoria (Colombie-Britannique) V0S 1B0 Téléphone, (604) 380-4514. Établi en 1942. Offre un programme d'études conduisant à un grade en arts et en sciences. Les élèves-officiers désireux d'obtenir un grade qui n'est pas offert au collège militaire où ils sont inscrits peuvent être mutés à un autre collège. Cette mutation se fait ordinairement à la fin de la deuxième année. Commandant: le capitaine (M) A.J. Goode, CD, ADC, pfsc, BA

Royal Roads Military College*

General Information

Address: FMO Victoria, British Columbia V0S 1B0
Telephone: (604) 380-4514

Commandant: Captain (N) A.J. Goode, CD, pfsc, BA

Principal and Director of studies: J.S. Mothersill, BSc, BSc(Eng), PhD, PEng.

For a complete list of Royal Roads Military College faculty, see the college calendar.

Enquiries: Direct general correspondence to the Registrar, Wing Commander (ret'd) M.D. Thom, CD, rmc, pfsc, pcsc, aws, BASc.

High school liaison officer: Captain Bob Beardmore, Assistant Registrar

Enrolment (1985-1986):	
Full-time undergraduate:	260
Part-time undergraduate:	46
Full-time faculty (1985-1986):	48

Total income derived from federal funds.

History and Governance

Royal Roads Military College has its roots in the Royal Naval College of Canada established first in Halifax in 1911. The college buildings were destroyed in the Halifax explosion of 1917 and the institution was moved to Esquimalt. It was closed in 1922, but its spirit was reborn in the Royal Canadian Naval College, HMCS Royal Roads in 1942, located at Hatley Park, near Victoria. The Royal Canadian Naval College became, in 1947, the RCN-RCAF Joint Services College. In the following year, with the admission of army officer cadets, Royal Roads became a tri-service cadet college, the Canadian Services College Royal Roads. In 1968, the name of the college was changed to Royal Roads Military College.

The Royal Roads Military College is a federal government co-educational institution. An advisory board makes recommendations to the minister of National Defence (who is chancellor of the college) on all matters pertaining to the college. The senate has authority to grant degrees under the Royal Roads Military College Degrees Act, 1976.

Buildings and Grounds

The college is situated approximately 13 km west of the city of Victoria on a three hundred and twenty-five acre seafront property, which was at one time the estate of the Honourable James Dunsmuir.

The most remarkable building on the grounds is the Castle, a magnificent stone building completed in 1908 as the Dunsmuir residence. It now serves as a location for the college's administrative offices. There is an academic block, a residence block, a library, a gymnasium, a swimming pool and many outdoor playing fields, tracks and tennis courts. Laboratories and the Officer Cadets' Mess are located in original estate outbuildings. Other facilities include shooting ranges and a boathouse with small water craft.

Library

The college library collection of some 75,000 bound volumes, 580 periodicals and a growing collection of microfilms, phonograph records, films and photographic slides, is housed in the college's newest major building. The Coronel Memorial Library was completed and opened in 1974, providing an excellent student study and resource area.

Programs and Degrees

General, combined major and honours degrees require four years of study following senior matriculation.

A course at RRMC would be assigned four units of credit for a semester's work (thirteen weeks of instruction) if it corresponded to approximately one-fifth of a normal Canadian university work load in a faculty of arts and science.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of Arts (BA) General and honours programs.

Science

Bachelor of science (BSc) General, combined major and honours programs.

Admission Requirements

Undergraduate

Canadian students: Applicants must be Canadian citizens between the ages of 16 and 21, except for serving members of the Canadian Forces for whom special age considerations apply. To meet the minimum requirements for admission, candidates must present satisfactory marks in specific entrance subjects as well as have completed the following educational levels. Newfoundland: first year university or its equivalent. Quebec: CEGEP I or equivalent. Ontario: grade 13 or Ontario Secondary School Diploma with a minimum of six Ontario Academic Courses (OACs). All other provinces: grade 12. In addition to general and academic admission standards, service enrolment standards must be met.

Students who have completed two years of study beyond senior matriculation at the Royal Military College of Canada or three years beyond junior matriculation at Collège militaire de Saint-Jean will be admitted to third year.

Canadian students who have completed their secondary school studies outside of Canada may submit the following standings for consideration.

UK: GCE 0-level standings are required in English, mathematics, chemistry and physics, and A-level standings in mathematics and one of chemistry or physics.

USA: Students with high standings in required subjects at the grade 12 level may be accepted.

Other: Students presenting the international baccalaureate will be considered.

Note: No advance standing is granted for work completed outside the Canadian military college system except in the case of serving members of the Canadian Forces (officers or other ranks).

The language of instruction at the college is English, but examinations may be written in either English or French.

Foreign Students

Only Canadian citizens are eligible for admission.

Costs (1986-1987)

Students attending as members of the Regular Officer

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*Ordinary member, AUCC

Training Plan receive pay, allowances and transportation and travelling allowances. Those enrolled under the Reserve Entry Training Plan pay fees as follows: a) annual college fee of $800 to defray the costs of tuition, clothing, books, instruments, dry cleaning, laundry and incidental expenses; b) a fee of $2,000 each year to defray costs of meals and accommodation; c) an annual Recreation Club fee of $80 and d) mess dues, (cadet mess) $171.

Academic Year

The college year is divided into two semesters, each entailing thirteen weeks of instruction and an examination period. Approximately 85 per cent of the instruction is academic, the balance being composed of drill, physical training and other specifically military subjects. The summer period, from June to mid-August, is spent in military training with the Canadian Armed Forces.

Grading System

The grading system used is as follows: A, 75-100% (first class honours); B, 66-74% (second class honours); C, 60-65%; D, 50-59%; F, 40-49% (failure) and FF, below 40% (serious failure).

Student Aid

Students selected for attendance under the Regular Officer Training Plan (ROTP) have their fees paid by the Department of National Defence, and are in addition, paid at prevailing rates under the ROTP. Scholarships awarded for academic excellence may be retained by the individual even though he is under this subsidization.

Students entering under the Reserve Entry Training Plan are not so subsidized, but are eligible for any awards they may receive from other sources. In addition they may apply for Royal Military College Club of Canada Foundation scholarships. These have a value of $1,000 in the first year and a further increment of $500 for each subsequent year to graduation.

Student Life and Services

All officer cadets except former serving members of the Armed Forces are required to live in college residences. Complete facilities are provided.

Day-to-day student life, apart from class and laboratory time, occurs within the structure of a student-operated organization, the Cadet Wing. Its function is supervised by regular force officers on the college staff. Each cadet is assigned to a regular forces officer of captain rank for general counselling purposes, and to a civilian member of the academic faculty for academic counselling.

Medical and dental services are provided, and clinics are located on campus.

Roman Catholic and Protestant padres serve the Cadet Wing and conduct regular church services.

A very full physical training and athletic program is mandatory, with expert instruction in a wide range of athletic and recreational activities being provided.

Other Canadian Military Colleges

Royal Military College of Canada, Kingston, Ontario. See separate chapter.

Collège militaire royal de Saint-Jean, Saint-Jean, Quebec, J0J 1R0 Telephone, (514) 346-2131. CMR offers degrees in arts, science, and administration. The first two years of these programs may be undertaken at Royal Roads Military College. Commandant: Brigadier-General R.J. Parent, OMM, CD, ADC, rmc, BSc

Research Centre

RRMC Coastal Marine Sciences Laboratory. Program coordinator: P.J. Schurer, BSc, MSc, PhD

Ryerson Polytechnical Institute*

General Information

Address: 350 Victoria Street, Toronto, Ontario M5B 2K3
Telephone: (416) 979-5000

President: B. Segal, BSc, MSW, MSc, PhD

For a complete list of Ryerson Polytechnical Institute faculty, see the Ryerson calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Information Centre, 350 Victoria Street.

High school liaison: Gene Logel, Assistant registrar, office of admission/liaison

Enrolment (1985-1986):

Full-time undergraduate:	7,529
Part-time undergraduate:	3,957

Full-time faculty (1985-1986): 582

Total income (1984-1985): $78,556,000

General operating fund income	('000)	
Government grants	$ 52,390	66.7%
Fees	14,341	18.3%
Miscellaneous	906	1.1%
Sub Total	$ 67,637	86.1%
Other funds income		
Ancillary enterprises	$ 5,507	7.0%
Special purpose and trust	1,030	1.3%
Sponsored research	1,366	1.7%
Plant	3,016	3.9%
Sub Total	$ 10,919	13.9%
TOTAL	$ 78,556	100%

History and Governance

The Ryerson Institute of Technology was established in 1948 by the Government of Ontario as an experiment in post-secondary technical education, with some 250 students. In 1963, the Ryerson Polytechnical Institute Act changed the school's name and established it as an independent institution with its own board of governors.

A 1971 amendment to the Act empowered the Institute to confer the degrees of Bachelor of Applied Arts and Bachelor of Technology, in addition to its traditional diplomas and certificates. In 1977, a new act extended degree designations to include Bachelor of Business Management. It also formally established a bicameral system of governance under which the board remains responsible for the financial management and conduct of the Institute, while Academic Council establishes educational policy, subject to spending restraints set by the board.

Ryerson was the first post-secondary institution in Canada to invite students and faculty to serve on its board in 1968, and they continue to participate both on the board and academic council, along with alumni and staff.

Ryerson is a non-denominational, co-educational institution, offering more than 30 programs in arts, applied arts, business, community services, and a wide range of technologies, with an emphasis on career orientation through a blend of theory, hands-on activity, work experience, and a solid grounding in the liberal arts.

Buildings and Grounds

Ryerson's campus occupies 18 acres of land in downtown Toronto. The main quadrangle building, Howard Kerr Hall, was opened in 1963. Jorgenson Hall and the Technology Annex were opened in 1971. The Donald Mordell Learning Resources Centre was officially opened in 1974. In 1978 the Ryerson Community Park was opened, creating an urban park on and around the campus and forming a natural link with the community. Other buildings serve the business, architectural technology, early childhood education, electrical and mechanical technology, photographic arts, journalism, interior design, and theatre departments/schools.

While Ryerson has few parking spaces, there is almost unlimited parking (for a fee) in the downtown area close to Ryerson. The main Ryerson campus has convenient access to numerous public transportation routes, and is well serviced by buses, streetcars, and the subway.

Most buildings are accessible by wheelchair and have elevators. Several have special washrooms or provide washroom facilities that accommodate wheelchair users. Ryerson's main parking lot has a few spaces designated for use by handicapped individuals. The Toronto Transit Commission operates a special van service; several other van services also operate within the City of Toronto.

Library

The library contains 253,955 volumes and subscribes to approximately 2,013 periodicals. The 12-storey Donald Mordell Learning Resources Centre, which houses the library, was officially opened in 1974.

Ryerson's library is accessible by wheelchair. It provides a number of extended services for the handicapped, including the provision of lockable study rooms for specialized equipment, microcomputer facilities positioned for use by people in wheelchairs. In co-operation with the W. Ross Macdonald School in Brantford, the library can arrange for items to be transcribed into braille or onto audio tapes.

Special collections: Special collections on Energy, Nutrition, the Third World, and Urban Planning are included in the library.

Programs and Degrees

Bachelor's degrees require three or four years of study beyond Ontario year five unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Applied arts

Bachelor of applied arts in fashion [BAA (fashion)]. Degree: four years following Ontario Grade 13. Diploma: Students may apply to graduate with a diploma in fashion after successful completion of the first three years of the program.

Bachelor of technology in graphic communications management [BTech (graphic communications management)]. Four years following Ontario Grade 13.

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*Ordinary member, AUCC

Bachelor of applied arts in interior design [BAA (interior design)]. Four years following Ontario Grade 13. Accredited by FIDER (Foundation for Interior Design Education Research).

Bachelor of applied arts in journalism [BAA (journalism)]. Three years following Ontario Grade 13. Two-year program available for students who hold bachelor degrees from recognized English-language universities.

Bachelor of applied arts in photographic arts [BAA (photographic arts)]. Four years following Ontario Grade 13.

Bachelor of applied arts in radio and television arts [BAA (radio and television arts)]. Three years following Ontario Grade 13.

Theatre (acting), (dance), (technical production). Three years following Ontario Grade 12.

Arts

Bachelor of applied arts in geography [BAA (geography)]. Four years following Ontario Grade 13.

Bachelor of applied arts in public administration [BAA (public administration)]. Part-time study program designed primarily for public sector employees. Three levels of study, offering students the option of applying to graduate with a certificate after the completion of level 1, an advanced certificate after level 2, or the BAA after level 3. Students who do not possess the OSSHGD may be eligible for admission under Ryerson's mature student guidelines.

Diploma in arts. Three years following Ontario Grade 12.

Business

Bachelor of business management. Degree: One year of study beyond Ryerson diploma in business administration.

Diploma: business administration. Three years following Ontario Grade 13.

Bachelor of applied arts in hospitality and tourism management [BAA (hospitality and tourism management)]. Degree: Four years following Ontario Grade 12, plus one year of acceptable, cumulative work experience (to be acquired prior to admission to fourth year). Effective September 1987, applicants must possess the OSSHGD (Ontario Grade 13). Diploma: Students may apply to graduate with a diploma in hotel, restaurant and institutional administration after successful completion of the first three years of the program.

Bachelor of applied arts in office and administrative studies [BAA (office and administrative studies)]. Degree: Three years following Ontario Grade 13, four years following Ontario Grade 12. Diploma: Students wishing to obtain a diploma may do so after completing three years of study following Grade 12, or two years of study following Grade 13.

Community services

Bachelor of applied arts in early childhood education [BAA (early childhood education)]. Four years following Ontario Grade 13. Part-time attendance permitted by special application. Graduates from early childhood education diploma courses in Ontario community colleges may apply for admission to the third year.

Bachelor of applied arts in environmental health [BAA (environmental health)]. Four years following Ontario Grade 13. Students are eligible to pursue certification as Public Health Inspectors (CPHI(C)) following successful completion of third year.

Bachelor of applied arts in food, nutrition, consumer and family studies [BAA (food, nutrition, consumer and family studies)]. Four years of study following Ontario Grade 13.

Bachelor of applied arts in nursing [BAA (nursing)]. Degree: Two years of study beyond Ryerson diploma in nursing (or equivalent). The degree may also be completed on a part-time study basis. Diploma: nursing. Two years (six semesters including two semesters of practicum) following Ontario Grade 13.

Bachelor of applied arts in social work [BAA (social work)]. Degree: Four years following Grade 13. (Offered on a full- or part-time study basis). Diploma: Students may apply to graduate with a diploma in social work after successful completion of the first three years of the program.

Bachelor of applied arts in urban and regional planning [BAA (urban and regional planning)]. Four years following Ontario Grade 13.

Technology

Bachelor of technology in aerospace engineering [BTech (aerospace engineering)]. Degree: Four years following Grade 13. Diploma: Students may apply to graduate with a diploma in aerospace engineering technology after successful completion of the first three years of the program.

Bachelor of technology in applied computer science [BTech (applied computer science)]. Four years following Ontario Grade 13.

Bachelor of technology in architectural science [BTech (architectural science)]. Four years following Ontario Grade 13.

Bachelor of technology in chemical engineering [BTech (chemical engineering)]. Degree: Four years following Grade 13. Diploma: Students may apply to graduate with a diploma in chemical engineering technology after successful completion of the first three years of the program.

Bachelor of technology in civil engineering BTech(civil engineering)]. Degree: Four years following Grade 13. Diploma: Students may apply to graduate with a diploma in civil engineering technology after successful completion of the first three years of the program.

Bachelor of technology in electrical engineering [BTech (electrical engineering)]. Degree: Four years following Grade 13. Diploma: Students may apply to graduate with a diploma in electrical engineering technology after successful completion of the first three years of the program.

Bachelor of technology in industrial engineering [BTech (industrial engineering)]. Degree: Four years following Grade 13. Diploma: Students may apply to graduate with a diploma in industrial engineering technology after successful completion of the first three years of the program.

Bachelor of technology in laboratory science [BTech (laboratory science)]. Degree: Four years following Grade 13. Diploma: Students may apply to graduate with a diploma in laboratory science after successful completion of the first three years of the program.

Bachelor of technology in mechanical engineering [BTech(mechanical engineering)]. Degree: Four years following Grade 13. Diploma: Students may apply to graduate with a diploma in mechanical engineering technology after successful completion of the first three years of the program.

Bachelor of technology in survey engineering [BTech (survey engineering)]. Degree: Four years following Grade 13, plus an accumulation of the equivalent of one year of summer and/or full-time work experience in surveying or related fields (can be accumulated either before, during, or after academic studies). Diploma: Students may apply to graduate with a diploma in survey engineering technology after successful completion of the first three years of the program.

Landscape architectural technology. Three years following Ontario Grade 13. Diploma program.

Metallurgical engineering technology. Three years following Ontario Grade 13. Diploma program.

Continuing education

Continuing education at Ryerson offers part-time adult learners a wide variety of options in credit and non-credit programs throughout the year. Career-oriented and personal development education are available in arts, applied arts, business, community services, technology, and community education, as well as through special programs and courses such as Gerontology and Seniors at Ryerson. Continuing education offers over 40 certificate programs, which require the completion of six to ten courses in a related field of study. In addition to certificate programs, continuing education also provides adult learners with a diverse range of study options. Women's Programs, for instance, offer courses and workshops designed to address topics of special interest to women; while Summer at Ryerson provides courses in both credit and non-credit formats. Professional seminars and personal development courses are also offered throughout the year.

For further information, telephone the Ryerson Information Centre, (416) 979-5036.

Admission Requirements

Undergraduate

Ontario: Ryerson operates on system of subject admissions. Students applying to particular program require Ontario Secondary School Graduation Diploma or Secondary School Honour Graduation Diploma together with specific subjects and level of achievement necessary for admission to the program.

Other provinces: Applicants must submit evidence of equivalent standing. The following information suggests guidelines for academic comparison.

It is essential that the required subject prerequisites and grades, for specific programs, form part of the academic background of applicants from other provinces, especially in the last two years of high school studies.

For programs requiring Ontario grade 12, the following certificates are usually acceptable. Alberta, Nova Scotia, Prince Edward Island and Saskatchewan: grade 12. British Columbia: grade 12 (combined studies or selected studies program). Manitoba: grade 12. New Brunswick: grade 12 (college preparatory program). Newfoundland: pre-1984, grade 11 matriculation certificate (preferably academic program). From 1984, grade 12 senior high school diploma (academic program). Quebec: secondary V certificate.

Applicants who have the certificates listed below may be admissible to programs requiring Ontario grade 13. Alberta: grade 12 with 65 per cent overall average. British Columbia: grade 12 (combined studies or selected studies program), minimum B average in the subject prerequisites and C average in other subjects. Manitoba: grade 12 university entrance program, 65 per cent overall average. New Brunswick: completion of the college preparatory program (65 per cent overall average). Newfoundland: completion of first year at Memorial university. Nova Scotia: grade 12 (university preparatory program, 65 per cent or grade 11 and one complete year of university studies). Prince Edward Island: grade 12 (university preparatory program, 65 per cent overall average). Quebec: one complete year of pre-university with 70 per cent in prerequisite subjects (preferred). Saskatchewan: division IV graduation (minimum total of 21 credits) 65 per cent overall average.

Note: Applicants who have completed one or more years at university, college of applied arts and technology or institute of technology at level equal to or higher than that of Ryerson program may be given credit for previous studies at discretion of Office of Admissions.

Students submitting the international baccalaureate will be considered for admission.

Mature students

Applicants who do not possess minimum admission requirements may be considered for admission if: a) they are 21 years of age as of December 31, of the year in which they will commence studies; b) have been away from formal education for at least two years; c) can present tangible evidence of ability to cope with program at Ryerson; and d) have been Canadian citizens for at least one year or are landed immigrants or are sponsored by a Canadian government agency.

Ryerson reserves the right to ask that mature students possess the minimum prerequisite subject requirements at the level indicated.

Senior citizens

Students 60 years of age and over must meet normal admission requirements or those outlined for mature students. Tuition fees are waived for senior students.

Foreign Students

All applicants must include English in their studies at the level indicated (or higher) in the individual program admission requirements. Test of English as a Foreign Language (TOEFL), the Michigan English Test or English as a Second Language studies cannot be used as substitute. Ryerson reserves the right to request applicants whose first language is not English to write the Ryerson Test of English Proficiency (RTEP). This test is scored on pass/fail basis.

Applicants from outside of Canada. As evidence of the applicants' ability to carry on their studies in English, Ryerson will consider results of the Test of English as a Foreign Language (TOEFL - 580 minimum acceptable score).

Commonwealth: Students applying for program requiring Ontario grade 12 must have six academic subjects on GCE at 0-level with grades A, B, or C, or 1, 2 or 3. Specific program requirements must be included. Those applying to programs requiring Ontario grade 13 must have at least two A-level papers and three 0-level papers with grades A, B or C, or 1, 2 or 3. Specific program requirements must be included.

India or Pakistan: Those applying to a program requiring Ontario grade 12 should have at least two years BA, BCom or BSc with record of second division passes at university levels. Specific program prerequisites must be included. Those applying to programs requiring Ontario grade 13 should have completion of BA, BCom or BSc with at least second division passes at secondary and university levels. Specific program requirements must be included.

USA: Applicants who have completed grade 12 and are applying to Ryerson programs requiring Ontario grade 13 (OSSHGD) will be considered for admission on an individual basis. Applicants taking or having completed a grade 12 academic program in the USA with high academic standards ("A" grades or better) will be given consideration for programs requiring OSSHGD. Applicants whose grades are below "A" must have an additional year of postsecondary education before their application will be considered for admission to programs requiring OSSHGD.

Application Deadlines

Ryerson begins its review process early in the new year. Offers of admission are made in May/June.

Applicants must have completed or be currently completing, the admission requirements as described in the calendar at the time of application. Decisions cannot be made without mid-term or final results. All applications received prior to March 1, 1987, will be given equal consideration. After this date, applications are reviewed on a first-come, first-served basis, subject to space.

Students attending a semesterized school in Ontario should verify all application dates and procedures with the secondary school they are attending in early November, 1986. All foreign students must complete the preliminary application (deadline, February 15). Applicants who appear qualified, based on the preliminary application, will be sent application forms; these must be submitted by March 31, 1987.

Costs (1985-1986)

Tuition: Total fee per term for Canadian citizens and landed immigrants: Full-time, $509.50 for fall term and $496 for winter and summer terms. Part-time: Generally range from $119 to $397.50. Fees for part-time studies vary according to course hours; fall, winter and summer terms; and program.

Only undergraduate fees have been given as Ryerson has no graduate programs.

School of nursing - Summer term. The fee payable for tuition for the Nursing Clinical Practice Session held during the summer term is $219.

The total full-time fees for each term for Student Visa holders are: $1,366.50 for fall term, $1,323 for winter and summer terms, for students who enrolled prior to September, 1982; $2,362.50 for fall term, $2,349 for winter and summer terms for students who enrolled as of September, 1985.

Application fees: Application for all programs must be accompanied by a certified cheque or money order for $10 in Canadian funds, payable to Ryerson Polytechnical Institute.

Incidental fees: Student union fees: $37 50 for fall term and $24 for winter term and $24 for the summer term. Athletic Board fee: $20.80. Learning Support Resources fee: $25. Special activity fee; $13.20. Special ancillary reserve fee: $4. General non-tuition reserve fee: $3.

All fees subject to change without notice.

Academic Year

Fall term: beginning of September to end of November. Winter term: beginning of January to end of April. Diploma nursing program: commences September and spans two calendar years; each year made up of two full semesters, plus a practicum (clinical experience) of approximately seven weeks during the third and sixth semesters.

Grading System

Final course grades determined by combining term or examination evaluations or both. Ryerson's nine-point grading system is as follows: A+, exceptional (90-100%); A, excellent (80-89%); B+, very good (75-79%); B, good (above average) (70-74%); C+, satisfactory (65-69%); C. adequate (60-64%); D+, passing (55-59%); D, barely passing (50-54%); F-S, redeemable failure (0-49%); F, failed (0-49%). Additional grading categories: AEG, aegrotat; INC, incomplete; NG, no grade; PSD, passed; INP, in progress; AUD, audit; WDN, officially withdrawn; GNR, grade not reported.

Student Aid

Scholarships are awarded on the basis of academic excellence. Generally, students need not apply for scholarships, as these awards are granted to the recipients on the basis of their performance during the previous year. Selected program departments may require individual application for specific awards. There is also a general bursary fund from which grants are made to students with satisfactory academic performance and demonstrable financial need. Detailed information and application forms for the Ontario Student Assistance Program, which is integrated with the Canada Student Loans Plan, are available from the Financial Aid and Awards Office, Jorgenson Hall. Telephone: (416) 979-5113

Ryerson operates two loan programs: a "fees mini-loan program" designed to temporarily look after fees by means of a short-term loan that must be repaid by the end of term; and an emergency loan fund that can provide small, short-term cash advances to a limited number of students. Students must be able to demonstrate a means of repaying a loan before the end of term.

Student Life and Services

The Student Services Department is responsible for coordinating, initiating and organizing student development programs and services on campus. Student Services comprises a central office and six specific areas of activity; athletics and recreation, counselling, financial aid and awards, health centre, and housing and placement offices.

All full- and part-time students are members of the students' union which is administered by an annually elected board of directors consisting of a full-time president, three half-time vice-presidents, and five directors from the five faculty groups. The union administers funds collected on its behalf by the institute and provides a wide range of services and activities of a social and educational nature. Most of the union's budget is used to provide a wide range of free or non-profit services to students. The balance is allocated to student clubs, cultural groups, professional societies, and the course unions which represent students at the departmental level. Among the most important responsibilities SURPI (Students' Union of Ryerson Polytechnical Institute) carries out are those of pressuring for academic reform and increased government funding. SURPI represents students on most Institute committees and councils, and actively encourages students to run for departmental councils, Academic Council, and the Board of Governors. It also works closely with other colleges and universities through CFS (Canadian Federation of Students), and OFS (Ontario Federation of Students). Originally called the Student Administrative Council (SAC), the union received its letters patent from the government of Ontario on June 27, 1967.

O'Keefe House accommodates 40 men and Neill-Wycik College, a 22-storey cooperative residence owned and operated by its members, houses 700 students.

Ryerson's housing registry, operated by the student services department, lists a great variety of off-campus accommodation as a free service to landlords and students. During the summer, city maps, telephones, newspapers, and useful brochures are available at the registry.

Food services and a bookstore are available to students. Ryerson also has its own radio station, CKLN. In addition, the School of Journalism produces a newspaper twice weekly.

Ryerson's athletic facilities include a triple gym with spectator area, a single gym, weight room, mat room, a 25-yard pool, an arena, fitness trail, two tennis courts, fitness evaluation centre, and outdoor artificial pleasure rink. Construction of a new underground facility is scheduled to begin in May 1986, for opening in January 1987.

Ryerson participates in interuniversity sports through the O.U.A.A. (for men) and O.W.I.A.A. (for women) and fields men's and women's teams in alpine skiing, badminton, basketball, fencing, swimming, and volleyball as well as men's ice hockey and wrestling. An extensive intramural program offers the opportunity for participation in over 40 different leagues and individual and team participation in a wide range of sports. Among recreational clubs on campus are karate, scuba, fencing, and trampoline.

A modern, well-equipped health centre is located in Howard Kerr Hall, and a registered nurse and doctor are in attendance Monday to Friday. Any illness or accident not requiring hospitalization can be treated at the centre.

The Ryerson Theatre is a fully equipped theatre with a seating capacity of 1,250. The Theatre is used for staging productions of the Ryerson Theatre School and for external theatrical productions from opera to concerts of all types. Ryerson's Media Centre staffs and operates a 300-seat-plus multi-media theatre equipped with a slide/sound rear projection system and a 16mm projection system.

The Student Services Department in Jorgenson Hall offers a foreign student advisory service, established to help students with the documentation process as well as to offer advising support. In addition, a number of special cultural groups exist on campus, which are financially assisted by the Students' Union. Foreign Student Advisory Service, Telephone: (416) 979-5187

Ryerson's School of Early Childhood Education administers two day-care facilities: an infant/toddler centre and an early learning centre. Priority on the waiting list is given to Ryerson faculty, students, and staff. The infant/toddler centre can accommodate approximately 21 children ranging in age from three months to two and a half years; the early learning centre has spaces for approximately 45 children aged two and a half years to five years. Parents may apply for subsidization when their children are accepted. Both centres maintain a complement of full-time staff to care for the children. Telephone: (416) 979-5302 (infant/toddler centre) or 979-5000, extension 6337 (early learning centre).

Ontario students should be covered under the Ontario Health Insurance plan. Out-of-province students are advised to maintain coverage under their home province plan. Visa students are eligible for OHIP, but must apply for it upon arrival in Ontario. Coverage is available from Blue Cross for students coming from outside Canada to cover them during the 3-month waiting period for OHIP.

Students who do not have OHIP or similar coverage will be billed for the cost of medical services.

Ryerson's Students' Union provides partial reimbursement for costs of prescription drugs.

The Counselling Centre provides personal and career counselling services to students through interviews, informal conversations, and group sessions. When appropriate, psychological tests may be administered to students to evaluate career objectives. Group counselling programs develop self-management, personal effectiveness, and learning skills. Programs can be developed in response to student needs. The Centre also operates an Occupational and Educational Information Centre offering a wide range of materials on careers and educational alternatives.

The Ryerson Placement Centre is the official Canada Employment Centre on campus. This office assists graduating students and alumni from degree and diploma programs to find permanent employment and undergraduates part-time, summer and temporary employment. Each year, the Centre arranges for approximately 200 employers to recruit on campus at Ryerson. This program operates from November to March.

The Ryerson alumni body, now numbering 45,000, is growing at a rate of approximately 3,000 per year. Ryerson regards it alumni as inseparable partners in the task of maintaining program quality and currency in all areas. A renewed effort is being mounted to develop and strengthen the program-based areas to ensure a more effective partnership with faculty and administration. For information, telephone the Director, Office of Development, (416) 979-5197.

Specialized Centres

Centre for Industrial Development. Links research needs of business and industry with appropriate faculty members, facilities and students. Specialized services include: product design, testing and development; process development; computer program design and application; marketing studies; quality control and production efficiency; and chemical testing and processing. Director: Robert Guerriere

Innovation Centre. Guides ideas from the concept stage to the marketplace by providing marketing advice and business plan preparation. In addition, the centre's staff assists inventors and entrepreneurs with patent applications, licensing and aid in finding funding sources. Associate Director: Roy Morley

Ryerson International Development Centre. Involves Ryerson in overseas projects aimed at Third World self-sufficiency. Director: Dr. Phil Rawkins

Centre for Advanced Technology Education. Provides industrial quality training environment for manufacturing managers, engineers, technologists and senior Ryerson students. Curriculum focuses on two emerging areas: CIM/FMS (computer-integrated manufacturing/flexible manufacturing systems) and photonics (lasers, fiber optics and holography). Director: B.B. Goodfellow

Office of Research and Innovation. Provides full range of research services to faculty across all departments, including proposal writing and preparation, submissions to ethics committee, transmittal of proposals to funding agencies, assistance with report preparation and publishing, assistance with financial management of projects. Director: Robert Guerriere

Université Sainte-Anne*

Renseignements généraux

Adresse: Pointe-de-l'Église (Nouvelle-Écosse) B0W 1M0
Téléphone: (902) 769-2114
Télex: 019-38505

Recteur: Roseann Runte, BA, MA, MPh, PhD

Liste complète des membres du corps professoral de l'Université Sainte-Anne, prière de vous reporter à l'annuaire de l'Université Sainte-Anne.

Demandes de renseignements: Prière d'adresser la correspondance générale au secrétaire général, Sylvestre Muise, BSc, MSc, PhD

Agent de liaison: Diane Turgeon

Inscriptions (1985-1986):

1er cycle à temps plein:	185
1er cycle à temps partiel:	758

Professeurs à temps plein: 31

Revenu total (1985-1986): $4,890,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 2,723	55.7%
Frais de scolarité	553	11.3%
Divers	15	0.3%
Total partiel	$ 3,291	67.3%
Revenus d'autres sources		
Entreprises auxiliaires	$ 1,390	28.4%
Fonds à destinations spéciales et fiducies	53	1.1%
Recherche commanditée	156	3.2%
Total partiel	$ 1,599	32.7%
TOTAL	$ 4,890	100%

Historique et statuts

L'Université Sainte-Anne a été fondée le 1er septembre 1890 par Monseigneur Blanche et les Pères de la Congrégation de Jésus et Marie, appelés les Eudistes. L'établissement a été incorporé sous le nom de Collège Sainte-Anne et investi du pouvoir de conférer des grades le 30 avril 1892 en vertu d'une loi de l'Assemblée législative de la Nouvelle-Écosse. En 1971, l'administration de l'établissement a été confiée à des laïcs. L'acte d'incorporation a été mis à jour et l'établissement fut constitué officiellement sous le nom de Université Sainte-Anne par la loi no 117 concernant l'Université Sainte-Anne, adoptée à la 51e assemblée générale de la Nouvelle-Écosse et promulguée le 19 mai 1977.

L'Université est la seule francophone de la province et elle offre à ses étudiants une formation qui permet de devenir bilingue. Elle répond aux besoins des Acadiens des provinces Maritimes en matière d'éducation et aussi en matières culturelle, sociale et économique.

L'Université Sainte-Anne est une corporation indépendante à but d'enseignement public, mixte et non-confessionnelle administrée par un Conseil d'administration composé de 23 membres et par un Conseil d'université composé de 8 membres. Son corps professoral à plein temps est composé de 31 membres. En tant qu'établissement francophone le français, comme langue première ou comme langue seconde, aussi bien que l'anglais, sont exigés de tous les étudiants. Les étudiants qui ne sont pas au niveau linguistique aporoprié peuvent suivre des cours d'immersion qui sont disponibles toute l'année.

Bâtiments et terrains

L'université est située sur les bords de la Baie Sainte-Marie entre Digby et Yarmouth. La population de la municipalité de Clare, qui comprend Pointe-de-l'Église, est de 9,000 âmes. Les édifices de l'enseignement et de l'administration, une bibliothèque, un gymnase, une piscine, une patinoire, une librairie et neuf résidences se trouvent sur le campus. Tous ces édifices sont accessibles aux handicapés et le stationnement est disponible sans frais supplémentaires sur le campus.

Bibliothèque

La Bibliothèque Louis-R. Comeau contient 68,000 volumes et souscrit à 310 abonnements de revues professionnelles et autres.

Une collection spéciale se trouve au Centre Acadien (édifice de la Bibliothèque Louis-R. Comeau), préservant une grande variété de données, de documents et d'objets touchant à l'histoire et à la culture des Acadiens de la Nouvelle-Écosse en particulier, sans exclure les Acadiens des autres coins du monde.

Programmes et grades

L'obtention du baccalauréat à l'Université Sainte-Anne requiert normalement trois (3) années d'études (102 crédits) après la 12e année de la Nouvelle-Écosse ou son équivalent. Dans le cas des baccalauréats spécialisés, il faut quatre (4) années après la 12e année de la Nouvelle-Écosse. Un plein cours équivaut à six (6) crédits universitaires et s'échelonne sur deux (2) trimestres universitaires. Un demi-cours équivaut à trois (3) crédits universitaires et il est normalement enseigné pendant un trimestre universitaire.

Tous nos programmes accentuent la formation bilingue des étudiants.

Programme d'immersion en français d'une durée de six semaines (sessions de printemps et d'été)
Trimestre (100 jours) d'immersion en français
Autres stages d'immersion en français
Année préparatoire aux BA, BSc, BAA, BEd (admission après la onzième année de la Nouvelle-Écosse)
BA: Baccalauréat ès arts (3 ans)
BA (français): Baccalauréat ès arts avec concentration majeure en français (3 ans)
BA (spéc. français): Baccalauréat ès arts avec spécialisation en français (4 ans)
BA (anglais): Baccalauréat ès arts avec concentration majeure en anglais (3 ans)
BA (études canadiennes): Baccalauréat ès arts avec concentration majeure en études canadiennes (3 ans)
BA (histoire): Baccalauréat ès arts avec concentration majeure en histoire (3 ans)
BA (psychologie): Baccalauréat ès arts avec concentration majeure en psychologie (3 ans)
BA (sociologie): Baccalauréat ès arts avec concentration majeure en sociologie (3 ans)
BA (commerce): Baccalauréat ès arts avec concentration majeure en commerce (3 ans)
BEd: Baccalauréat en éducation (1 an d'études après le AEd de NSTC)

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* Membre ordinaire de l'AUCC

BSc: Baccalauréat ès sciences (2 premières années de 4)
BAA: Baccalauréat en administration des affaires (4 ans)
CDF: Certificat en didactique du français (1 trimestre)
Dipl.admin: Diplôme en administration des affaires (2 ans)
Dipl.sc.sec.: Diplôme en sciences de secrétariat (2 ans)

On trouvera des détails sur les programmes au chapitre **Grades et diplômes.**

Administration des affaires
Baccalauréat en administration des affaires (BAA) et diplôme en administration des affaires (DAA). Programmes de quatre et de deux ans respectivement qui sont axés sur les petites entreprises et mettent l'accent sur la formation bilingue des étudiants.

Arts
Baccalauréat ès arts (BA) Programme de trois ans après la 12ᵉ année en Nouvelle-Écosse.

Éducation
Programme de baccalauréat en éducation avec mineure (BEd). Programme de quatre ans après la 12ᵉ année de la Nouvelle-Écosse. Le diplômé est admissible au brevet d'enseignement de la classe 5.

Concentration mineure disponible dans les domaines suivants: sociologie, mathématiques/physique, histoire, enseignement au primaire, chimie, anglais et biologie.

Sciences
Les deux premières années du programme du baccalauréat ès sciences (BSc)

Sciences du secrétariat
Diplôme en sciences de secrétariat. Programme de deux ans après la 12ᵉ année. Le programme vise à assurer la formation de secrétaires compétents tout à fait bilingues et se concentre sur les langues afin que les étudiants apprennent à exécuter leur travail en toute confiance, que ce soit en français ou en anglais.

Éducation permanente
Le programme d'éducation permanente est adapté aux besoins des adultes et des communautés acadiennes de la province. Les cours théoriques ne sont qu'une partie des activités de l'université; elle organise des conférences sur les aspects social, économique et religieux de la vie de la communauté.

Immersion totale: Cours d'été: L'université offre deux sessions d'immersion en français de six semaines à l'intention des étudiants qui désirent apprendre le français en tant que langue seconde et à l'intention de ceux dont la langue maternelle est le français mais qui désirent perfectionner leur connaissance de cette langue. Des activités sociales et culturelles sont organisées dans le cadre de cette session pour encourager les étudiants à participer de façon active. La première session est du début mai à la mi-juin, et la deuxième du début juillet à la mi-août.

L'École professionnelle et de métiers: l'École professionnelle et de métiers a été mise sur pied en 1980 par l'Université Sainte-Anne en collaboration avec le ministère de l'Education de la Nouvelle-Écosse et le Centre d'emploi du Canada pour l'organisation de cours professionnels et de métiers destinés aux adultes francophones de la province de la Nouvelle-Écosse.

L'École professionnelle et de métiers offre des cours tels que:

– Préparation à la formation professionnelle: préparer les adultes pour le marché du travail et leur donner les préalables nécessaires à la poursuite de cours professionnels, de métiers ou autres cours post-secondaires.
– Ébénisterie: donner aux stagiaires les connaissances nécessaires et développer en eux les compétences requises pour l'ébénisterie.
– Formation en matières commerciales (secrétaires bilingues): former des étudiants capables d'exécuter les tâches d'un bureau soit en anglais ou en français.
– Programmation en informatique: apprendre aux stagiaires la programmation informatisée au moyen de l'ordinateur et des langues commerciales, et apprendre les méthodes de traitement de données.

Conditions d'admission

Baccalauréat
Nouvelle-Écosse: Les étudiants qui demandent leur admission après la 11ᵉ ou la 12ᵉ année doivent avoir conservé une moyenne d'au moins 60 p. 100 et un minimum de 50 p. 100 en français, en anglais et dans trois autres matières classiques. Ceux qui ont réussi moins de cinq cours bénéficieront de crédits pour les cours réussis avec une note d'au moins 60 p. 100. Les étudiants qui viennent d'autres universités obtiendront normalement des crédits pour les cours suivis ailleurs, mais tous les cas dans cette catégorie sont soumis à un comité des admissions pour fins d'évaluation.

Autres provinces: Les étudiants venant du Nouveau-Brunswick et de l'Île-du-Prince-Édouard doivent avoir terminé leur 12ᵉ année. Ceux des autres provinces sont jugés en regard des normes d'admission imposées aux candidats de la Nouvelle-Écosse.

Étudiants spéciaux
Certains étudiants peuvent être admis sans avoir satisfait aux conditions ordinaires en matière d'instruction, pourvu qu'ils soient âgés d'au moins 22 ans au cours de l'année de l'admission et qu'ils aient passé au moins deux ans dans les rangs de la population active ou dans une école d'arts et métiers.

Cependant, toute personne qui désire s'inscrire à l'Université Sainte-Anne peut demander le statut d'étudiant spécial. Chaque demande sera prise en considération par le Comité des admissions. Deux lettres de référence doivent accompagner une telle demande d'admission. Les étudiants spéciaux ne seront pas autorisés à poursuivre leurs études à moins d'avoir réussi au moins les deux tiers des cours suivis au premier semestre.

Étudiants étrangers
Ceux-ci seront jugés en regard des normes applicables aux étudiants de la Nouvelle-Écosse aux fins de l'admission.

Note: Les étudiants qui n'ont aucune connaissance du français doivent s'inscrire à une session d'immersion en français avant leur inscription au programme régulier. S'ils ne se révèlent pas aptes à apprendre le français, ils ne seront pas admis à suivre les cours réguliers de l'université.

Frais (1986-1987)

Est considéré étudiant à plein temps tout étudiant qui suivra pendant le trimestre en question des cours valant neuf crédits ou plus au total.

Droits de scolarité: $1,400 par année; étudiants étrangers, $3,190 par année.
Résidence: Chambre $1,320 à $1,750.
Pension: $1,800.
Frais scolaires: $100.
Frais d'inscription: $35.
Tous les droits sont sujets à changement sans préavis.

Année universitaire

Trimestre d'automne: 4 septembre - 19 décembre 1986; trimestre d'hiver: 5 janvier - 16 avril 1987; Sessions de printemps et d'été: 4 mai - 14 juin 1986; 6 juillet - 16 août 1986.

Système de notation

Pour réussir un cours, l'étudiant doit obtenir une note minimale de 50 p. 100, mais pour obtenir un grade, il doit conserver une moyenne générale de 60 p. 100. (La moyenne générale à conserver pour obtenir le Baccalauréat en éducation est 65 p. 100).

Aide aux étudiants

L'université accorde des bourses d'études. Pour les détails, on voudra bien consulter l'annuaire à l'endroit où les prêts et les bourses sont énumérés.

Vie étudiante et services aux étudiants

Les étudiants doivent obligatoirement faire partie de l'Association générale des étudiants de l'Université Sainte-Anne (AGEUSA) qui, depuis les années 1960, promeut le développement physique, culturel et social des étudiants. Les étudiants sont représentés au Conseil d'administration et aux autres conseils et comités de l'Université.

Une résidence principale logeant 120 étudiants et huit plus petites résidences logeant 180 étudiants sont gérées par une directrice des résidences. Il y a des résidences mixtes et des résidences d'immersion, et la carte de repas est obligatoire pour tous les étudiants qui logent en résidence.

Le campus est muni d'une grande piscine, d'un gymnase, d'une patinoire à glace artificielle et pour le patinage à roulettes, de courts de racquetball, de courts de tennis et autres terrains de jeux d'équipe. Les principaux sports pratiqués sont: le hockey, le ballon-panier, le ballon-volant, le badminton, le tennis, le soccer et la balle molle. Toutes ces installations sont accessibles aux handicapés.

Entre autres services offerts aux étudiants, il y a un service de consultations, une cafétéria, un restaurant, une librairie, une discothèque, une fanfare, une chorale, un café-théâtre, une caisse populaire, un radio-campus, des laboratoires de sciences et de langues et un studio audio-visuel.

Les services médicaux sont assurés sur le campus par un médecin qui a ses bureaux sur place et aussi par des cliniques médicales qui sont à proximité du campus.

Un Centre d'emploi du Canada est aménagé sur le campus. En outre, des emplois sont offerts aux étudiants à l'Université même comme commis, moniteurs de résidence, messagers, etc.

Tout autre renseignement au sujet de la vie étudiante et des services aux étudiants peut être obtenu en s'adressant au directeur des affaires étudiantes.

Centres de recherches

Centre Acadien. Directeur: Neil Boucher, BA, MA

Centre de recherche sur l'enseignement du français. Directeur: Moshé Starets, BA, MA, DLing. Dipl. Et.Hisp (Malaga), TEVDAT MORE

Centre provincial de ressources pédagogiques. Directeur: Jean-Louis Robichaud, BA, CEGH, LèsL, DENS

Institut de développement communautaire. Directeur: R.-P. Léger Comeau, BA, LTh, LPh

Société de logement Université Sainte-Anne. Directeur: Wayne Malo

Collège universitaire de Saint-Boniface*

Renseignements généraux

Adresse: 200, avenue de la Cathédrale, Saint-Boniface (Manitoba) R2H 0H7
Téléphone: (204) 233-0210

Recteur: Paul Ruest, BA, BEd, MEd

Pour la liste complète des membres du corps professoral du Collège universitaire de Saint-Boniface, prière de vous reporter à l'annuaire du Collège.

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au secrétaire général, Normand Dupasquier, BA, CPGE, Pré-MEd

Aviseur des étudiants et orienteur: Roland Saurette

Inscriptions (1985-1986):
1er cycle à temps plein: 313
1er cycle à temps partiel: 209
2e cycle à temps partiel: 54

Professeurs à temps plein: 41

Revenu total (1985-1986): $3,330,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 2,765	83.0%
Frais de scolarité	405	12.2%
Divers	83	2.5%
Total partiel	$ 3,253	97.7%
Revenus d'autres sources		
Installations	$ 77	2.3%
Total partiel	$ 77	2.3%
TOTAL	$ 3,330	100%

Historique et statuts

L'origine du Collège de Saint-Boniface remonte à Monseigneur Provencher qui, en 1818, fondait une école où l'on enseignait le latin aux garçons de la colonie. Tour à tour dirigé par les Pères Oblats, les Frères des Écoles Chrétiennes et le clergé séculier, il fut confié par Monseigneur Taché aux Pères Jésuites en 1885. Son incorporation civile date de 1871. En 1877, il est, avec deux autres collèges de Winnipeg, cofondateur de l'Université du Manitoba.

En 1922, un incendie réduisit en cendres l'édifice commencé en 1880. Monseigneur Béliveau céda alors à la Corporation du Collège son Petit Séminaire. En 1924, on ajouta à cet immeuble une aile de 100 pieds sur 55.

Le 22 mai 1956, un gymnase fut inauguré, grâce à quelque 350 dons d'anciens élèves et d'amis du Collège et, en mai 1961, eut lieu l'inauguration du pavillon universitaire.

Le 1er janvier 1967, les Pères Jésuites, après 82 ans de service, remettaient la direction du Collège à l'Archevêché de Saint-Boniface et Monseigneur Antoine Hacault, évêque auxiliaire du diocèse, devenait recteur.

Le 10 novembre 1969, l'Archevêché cédait le Collège et sa direction à une corporation laïque.

Pour mieux servir les francophones de l'Ouest canadien, le traditionnel cours classique du Collège s'est progressivement ouvert aux humanités modernes.

Les gens de Saint-Boniface ont pu voir s'élever au cours de 1972-1974 le nouvel édifice de l'Institut pédagogique et du Centre de linguistique. En 1974-1975, le programme d'expansion du Collège universitaire se poursuivit par l'addition de locaux pour services aux étudiants, d'un gymnase et d'une bibliothèque de quatre étages.

À l'automne 1982, pour la première fois dans l'histoire du Collège, on accueille des étudiants poursuivant un programme d'études de deuxième cycle.

La direction du Collège de Saint-Boniface est confiée à un Conseil d'administration de douze membres. Les questions concernant les grades, le cycle des études et les cours sont soumises au Conseil de direction académique universitaire, puis au Conseil d'administration.

Bâtiments et terrains

Le Collège de Saint-Boniface comprend un seul édifice situé au coeur même de Saint-Boniface (la communauté urbaine de Saint-Boniface est au centre-ville de Winnipeg). Entouré des institutions historiques et culturelles de cette même communauté, le Collège sert de vibrant témoignage à la vivacité du peuple franco-manitobain. L'édifice comprend entre autres deux gymnases, une bibliothèque, une cafétéria, une chapelle, un centre d'informatique, un laboratoire de langues, un café-rencontre pour les étudiants, un amphithéâtre, trois laboratoires de sciences et une salle de spectacle. Derrière l'édifice se trouve un terrain d'athlétisme.

Bibliothèque

La Bibliothèque Alfred-Monnin fut dédicacée le 17 juin 1983 lors d'une réception en hommage à M. Alfred M. Monnin, le troisième juge-en-chef francophone de la province du Manitoba. Cette bibliothèque se situe dans un nouveau pavillon ouvert en 1975.

La bibliothèque possède une collection dépassant 86,000 documents et est abonnée à plus de 350 périodiques et journaux. Ces documents sont surtout de langue française et apportent un appui à l'enseignement dans tous les secteurs d'enseignement du Collège.

La bibliothèque offre tous les services normalement trouvés dans les institutions collégiales et universitaires: documentation scripte et audio-visuelle, référence, prêt interne et entre bibliothèques, recherches bibliographiques.

Programmes et grades

Arts et sciences

Baccalauréat ès arts (BA) Programme général de trois ans, 90 crédits
Baccalauréat ès arts (BA) (spécialisation en français) Programme de quatre ans, 120 crédits
Baccalauréat ès arts (BA) (latin - philosophie) Programme de trois ans, 90 crédits
Baccalauréat ès arts (BA) (spécialisation en traduction) Programme de quatre ans, 120 crédits
Certificat de traduction Programme d'un an, 30 crédits
Baccalauréat ès sciences (BSc) Programme de trois ans, 90 crédits

Éducation

Baccalauréat en éducation (BEd) (élémentaire) Programme de quatre ans, 120 crédits

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* Membre ordinaire de l'AUCC. Affilié avec l'University of Manitoba

Baccalauréat en éducation (BEd) (secondaire) Programme de quatre ans, 120 crédits
Baccalauréat en éducation (BEd) (élémentaire et post-baccalauréat) Programme de deux ans, 60 crédits
Baccalauréat en éducation (BEd) (secondaire et post-baccalauréat) Programme de deux ans, 60 crédits
Prémaîtrise en éducation (PréMEd) Programme d'un an, 24 crédits
Maîtrise en éducation (MEd) 15 crédits avec mémoire, ou 27 crédits avec examen synthèse

On trouvera les détails sur les programmes au chapitre **Grades et diplômes**.

Conditions d'admission

Tous les étudiants qui s'inscrivent au Collège pour la première fois sont tenus de subir des tests diagnostiques de français écrit (arts-sciences) et de français écrit et oral (éducation). Ces tests doivent être passés avant l'inscription.

Manitoba Tout candidat au premier cycle doit avoir obtenu vingt (20) crédits dans un programme d'études secondaires. Cinq (5) de ces crédits doivent être du niveau de troisième année, de telle façon qu'ils touchent à quatre (4) domaines d'études différents et comprennent un minimum de trois (3) matières du niveau 300. Certaines facultés n'acceptent que les candidats qui ont conservé une moyenne de plus de 60% ou l'équivalent alors que d'autres exigent un minimum de compétence professionnelle. L'étudiant doit aussi satisfaire aux conditions particulières suivantes: arts - avoir réussi deux des cours suivants: Anglais 300, Maths 300 ou 301, autre cours de langue du niveau 300; éducation - aucun cours préalable; sciences - avoir réussi Maths 300 et un des cours suivants: Chimie 300, Physique 300, Biologie 300.

Un étudiant peut faire compter sa connaissance d'une langue autochtone comme un des crédits du niveau 300.

Autres provinces:

Colombie-Britannique, Territoire du Yukon, Nouveau-Brunswick - avoir complété la 12^{e} année avec une moyenne cumulative d'au moins C;

Alberta, Terre-Neuve, Territoires du Nord-Ouest, Nouvelle-Écosse, Île-du-Prince-Édouard - avoir complété la 12^{e} année avec une moyenne cumulative d'au moins 60%.

Saskatchewan - avoir complété la 12^{e} année avec une moyenne cumulative d'au moins 65%.

Ontario - avoir complété six crédits en 13^{e} année avec une moyenne cumulative d'au moins 60%.

Québec - avoir complété la première année de cegep avec des résultats satisfaisants (ce qui correspond normalement à une moyenne cumulative d'au moins 2.0 sur une échelle de 4 ou d'au moins 60%, selon le système de notation utilisé).

Étudiants étrangers

Tous ces candidats doivent se reporter aux conditions générales d'admission énumérées dans la section *Manitoba*.

Les candidats des autres pays, y compris ceux inscrits au Baccalauréat international, peuvent obtenir les conditions d'admission à l'adresse suivante: Service de l'admission, Collège universitaire de Saint-Boniface, 200, avenue de la Cathédrale, Saint-Boniface (Manitoba) R2H 0H7, Canada.

Dates limites des inscriptions

Semestre d'automne: le 29 août 1986; semestre d'hiver: le 7 janvier 1987; semestre printemps-été: (sera annoncée plus tard).

Frais (1986-1987)

Les frais à acquitter comprennent les frais d'inscription, les frais de scolarité, les frais de services, les frais de l'Association des étudiants (A.E.C.U.S.B.), et les frais de l'Association des étudiants en traduction pour les étudiants en traduction.

Frais d'inscription pour six crédits, $14; frais de scolarité pour six crédits, $150.50; frais de service pour six crédits, arts, $14; éducation, $14; sciences, $42; A.E.C.U.S.B. pour six crédits, $10 (cotisation maximum $50); frais de l'Association des étudiants en traduction, $5.

Les étudiants en dernière année du BEd devraient prévoir des frais de déplacement et (ou) de logement pour les stages d'un mois à la campagne.

Tous les droits sont sujets à changement sans préavis.

Année universitaire

Début septembre au début de mai.

Système de notation

Le barème des notes accordées aux étudiants pour leur travail est le suivant: A+, (4.0), exceptionnel; A, (4.0), excellent; B+, (3.5), très bien; B, (3.0), bien; C+, (2.5), satisfaisant; C, (2.0), passable; D, (1.0), marginal; F, (0), échec.

Aide aux étudiants

On trouvera des renseignements détaillés sur les bourses d'études dans l'Annuaire du Collège universitaire de Saint-Boniface ou en s'adressant au bureau du secrétaire général.

Vie étudiante et services aux étudiants

Le bureau de l'Association des étudiants du Collège universitaire de Saint-Boniface (salle 1207) se trouve parmi les locaux réservés aux étudiants, au premier étage de l'édifice de la bibliothèque universitaire. On y trouve aussi le bureau du journal universitaire: le Réveil (salle 2001), une salle de détente (salle 1209) et une salle de billard (salle S024).

L'Association des étudiants est un organisme représentatif du corps étudiant qui se donne le but d'organiser la vie collégiale dans les limites de sa juridiction de façon à favoriser l'épanouissement de chaque individu en particulier et de la communauté en général.

L'Association des étudiants en traduction du Collège - TRADUCTOMAN - a pour but de faciliter l'intégration professionnelle des futurs diplômés en traduction en leur permettant d'acquérir une expérience pratique au cours de leurs études.

Un prêtre est à la disposition de tous les étudiants et de tout le personnel du Collège. En plus de l'animation liturgique, ce service offre des moments de réflexion et de prière, des rencontres personnelles de counselling pastoral ou d'accompagnement de vie.

Le Service de "counselling" offre de la consultation psychologique à tout étudiant désireux de prendre avantage de ce service, quelles que soient les raisons qui le motivent.

Le Service de placement a pour but d'informer et d'aider les étudiants à se trouver un emploi régulier, d'été ou à temps partiel, et de faciliter le recrutement au Collège universitaire par les employeurs.

Les activités sportives offrent à toute la communauté universitaire des moments de loisirs susceptibles de répondre aux intérêts et aux besoins de tous.

La coordination des différents programmes: (1) intramural, (2) intercollégial et (3) indépendant (activités libres), offre des occasions de compétition et/ou de divertissement et permet de répondre à tous les goûts.

Le programme intramural est centré sur la compétition dans les sports individuels et collectifs les plus populaires parmi les universitaires, sous forme de ligues et de clubs suivants: volley-ball, golf, tennis sur table, quilles, curling omnium et ligue, hockey sur glace, musculation, ski de fond, ski alpin, hockey de salon, basket-ball, balle au mur, billard, conditionnement physique, lancers francs, racquet-ball, tir à l'arc, raquette à neige, jogging.

Le programme intercollégial assure aux élites masculine et féminine l'occasion de faire valoir leurs talents en représentant le CUSB dans les compétitions sportives intercollégiales et civiles aux niveaux régional et provincial dans les activités suivantes: soccer, tennis sur table, course cross-country, volley-ball, hockey, basket-ball, badminton et curling.

Le Comité culturel, formé d'étudiants et de professeurs, avec le coordonnateur culturel employé à temps plein, assure la programmation et l'organisation des diverses activités culturelles telles que: le ciné-club, les pièces de théâtre, les causeries, les spectacles, le club de photographie, des danses, la radio-étudiante.

Le Collège est doté d'une cafétéria située au sous-sol de l'aile est de l'édifice. On peut y prendre un repas chaud le midi. La cafétéria est ouverte tous les jours où il se donne des cours.

Centres de recherche

Centre de recherche. Directeur: Raymond Théberge, BA, MA, PhD

Centre d'études franco-canadiennes de l'Ouest (CEFCO). Directrice: Annette Saint-Pierre, BA, MA, PhD

St. Francis Xavier University*

General Information

Address: Antigonish, Nova Scotia B2G 1C0
Telephone: (902) 863-3300
Cable: St.F.X.

President: Rev. G.A. MacKinnon, PhD

For a complete list of St. Francis Xavier University faculty, see the St. Francis Xavier calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, B.V. Liengme, PhD.

High school liaison officers: Bonnie Jean MacDonald, BEd, Daniel Gautreau, BA

Enrolment (1985-1986):

Full-time undergraduate:	2,483
Part-time undergraduate:	183
Full-time graduate:	57
Part-time graduate:	31

Full-time faculty (1985-1986): 184

Total income (1985-1986): $25,660,000

General operating fund income	('000)	
Government grants	$ 12,441	48.5%
Fees	3,925	15.3%
Gifts	215	0.8%
Miscellaneous	116	0.5%
Sub Total	$ 16,697	65.1%
Other funds income		
Ancillary enterprises	$ 5,107	19.9%
Special purpose and trust	666	2.6%
Sponsored research	750	2.9%
Coady Institute	1,417	5.5%
Extension Department	1,023	4.0%
Sub Total	$ 8,963	34.9%
TOTAL	$ 25,660	100%

History and Governance

Founded in 1853 at Arichat, Nova Scotia as a diocesan college, St. Francis Xavier University was transferred to Antigonish two years later. In 1866, an act of the provincial legislature conferred upon the college full university powers. In 1882, a provincial statute created a board of governors. Teaching began in 1853 and the first degrees were awarded in 1868.

St. Francis Xavier University is widely known for its work in adult education. Community activities were sponsored by individual teachers early in the history of the institution and the extension department was formally organized in 1928. St. Francis Xavier University is a government funded, Roman Catholic coeducational institution. It is governed by a 41-member board of governors, a 29-member senate.

Buildings and Grounds

The university is located in Antigonish, population 5,600. There are eight teaching buildings, a library, a chapel, a gymnasium and pool, a rink, men's residences and residences for women at Mount Saint Bernard College, an academic centre with classroom accommodation for 2,000 students, and a building containing the offices of the registrar, the deans and 70 professors. Buildings for engineering, physics, chemistry, biology, nutrition and consumer studies, and adult education, as well as Bloomfield Centre, a non-academic centre for general university activities, are located on the campus.

Library

The Angus L. MacDonald library contains 210,000 volumes, accommodates 500 students and holds the commemorative Hall of the Clans.

Special Collections: The Celtic Collection
The Shell Collection of Nova Scotiana.

Programs and Degrees

Bachelor's degrees require four years from Nova Scotia grade 12 unless otherwise specified. Master's degrees require one year from bachelor's degree unless otherwise stated.

Each four-year bachelor's program requires 120 credits (a full-year course = six credits, one semester course = 3 credits).

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General, major and honours programs. The BA general and major programs require 3 years; the BA with honours is a 4-year program.
Bachelor of arts in Music (BAMus)
Master of arts (MA)

Diploma in jazz studies. Two academic years plus one summer session of study.

Business

Bachelor of business administration (BBA) General, major and honours programs.

Information Systems

Bachelor of information systems (BIS)

Education

Bachelor of education (BEd) One year following graduation in arts, business administration, science.
Master of arts in teaching (MAT) One year from BEd and two years of teaching. May be taken at five summer schools.
Master of education (MEd) Equivalent of one year of study from BEd and two years of teaching. Available only at summer school; requires five sessions.
Master of adult education (MAdEd) Equivalent of one or two years of study (full-time or part-time).

Engineering

Certificate in engineering. First two years of engineering following grade 12. Certificate holder may attain engineering degree in an additional two or three years at another Canadian university. In addition, at the end of the first two years, students may enter architecture at the Technical University of Nova Scotia.

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*Ordinary member, AUCC

Nutrition and consumer studies
Bachelor of science (BScNCS)

Nursing
Bachelor of science (BScN) Offered in affiliation with St. Martha's Hospital.

Science
Bachelor of science (BSc) General, major and honours programs.
Master of science (MSc)

Physical Education
Bachelor of science in physical education (BScPhysEd)

Secretarial arts
Bachelor of secretarial arts (BSectA) and diploma (2 years).

Social leadership
Coady International Institute. Social leadership course leading to a diploma in social leadership. Designed for men and women who are actively engaged in community development work and allied fields or who desire to become community leaders. May to November session.

Continuing education
Undergraduate courses in arts for degree credit and graduate courses leading to MA in teaching English, history or mathematics and to MEd. Part-time degree programs are available in general bachelor of arts and bachelor of business administration.

Admission Requirements

Undergraduate
Nova Scotia: Students who have earned credit in five subjects (including English) in the grade 12 university entrance program will be considered for admission. An average of 60 and no grade below 50 is required. The bachelor of business administration and bachelor of information systems program require mathematics. The science programs have specific subject requirements, generally two of: biology, chemistry and physics.

Other provinces: Certificate of equivalent standing is required. Alberta, Northwest Territories, British Columbia, Yukon, Newfoundland, Manitoba, New Brunswick, Prince Edward Island and Saskatchewan: the grade 12 university entrance program is recognized as equivalent to Nova Scotia grade 12. Ontario grade 13 and Quebec CEGEP year 1 are accepted as equivalent to Nova Scotia grade 12.

Transfer Students
Transfer credit will be granted for appropriate courses with grades of at least C (or 55).

Senior citizens
Senior citizens (65 years of age and over) are admitted to full and part-time studies without tuition charges.

Graduate programs
Master of arts and Master of science: Candidate must have qualified for a bachelor's degree with superior achievement, and have fulfilled the undergraduate requirements for a major in the field of graduate study.

Master of adult education: Candidate must have completed a bachelor's degree with major concentration in one of the behavioral sciences; should have a minimum of two years post-baccalaureate experience in work relating to human (resource) development; normally will be interviewed by faculty. Students enter the department in January, September and summer each year.

Master of arts in teaching: Candidate must hold a bachelor of education degree (or equivalent) and have completed a bachelor's degree with major (or equivalent) in the field of graduate study. Specific average and rank in undergraduate program.

Master of education: Candidate must have qualified for the Bachelor of Education degree (or equivalent). Specific average and rank in undergraduate program.

Foreign Students
Official records of academic work must be forwarded from the high school directly to the university and not enclosed with application forms.

Applicants who reside outside the USA must provide proof of their ability to use English as a spoken language. Academic records must indicate if English was the language of instruction. If it was not, TOEFL scores must be submitted, minimum score required is 550.

In order to study in Canada, applicants must obtain a student authorization and visa before leaving their home country.

USA: High school graduates who have completed 16 academic subjects will be considered for admission to a four-year degree program. The following subjects are required. Arts, music, secretarial arts programs: four English and 12 other subjects. Business administration: four English, three mathematics and nine other academic subjects. Science, nutrition and consumer studies, and engineering diploma: four English, three mathematics, four science and four other academic subjects. Physical education: four English, four science and eight other academic subjects.

Other: The basic admission policy requires the equivalent of a GCE certificate at the ordinary level, including English and four other academic subjects, with no mark below the "C" standing or equivalent. English, mathematics, two sciences and one other academic subject are required for admission to programs in the science faculty.

The International Baccalaureate is accepted as high school graduation, advanced standing in certain courses but no transfer credit may be granted.

Application Deadlines

Final date for filing applications, July 15 for North American applicants, April 1 for overseas. All supporting academic documents must be received by August 1. For spring and summer semester, June 1.

Costs (1985-1986)

Tuition: Full-time (four or more courses per year) arts and science fees per year, $1,470 (Canadians and landed immigrants), $2,905 (visa students). Summer school and part-time (less than four courses per year), undergraduate and graduate, $300 per course.

Residence: Double room and board, $2,865; single room and board, $3,200; weekend meals extra. Meal plan for non-resident students, $1,500.

Application fee: $20
Students fees: $73
All fees subject to change without notice.

Academic Year

Winter session: mid-September to mid-May. Summer school: early July to mid-August.

Grading System

A = 80-99; B = 70-79; C = 60-69; D = 50-59

In all undergraduate degree programs: pass mark of 50%, with an average in general program, 55%; major, 60%, honours, 70%. Honours degree distinctions: class I, 80-100%; class II, below 80%.

Student Aid

University scholarships recognize high academic achievement and bursaries are available to assist students of high standing who for financial reasons might not be able to attend university. Forms for both are available from the university. For details, see the university brochure on scholarships and bursaries. For further information students should contact the Financial Aid Office, (902) 863-3300.

Student Life and Services

The Student Council is elected on a constituency basis representative of residence. Students are represented on the board of governors, senate, and various committees.

The university has strong intramural and varsity programs in football, hockey and basketball. Other facilities include judo, wrestling and weight lifting. Students have an on-campus radio station and publish a weekly newspaper, the Xavarian. The drama and choral groups combine to present concerts and plays throughout the year. Many student organizations under the student council are actively engaged in activities such as debating, the law society, the business administration society, the chemistry society, the engineering society, etc.

There is an International Students Association on campus. Foreign students should contact the Foreign student advisor, E. Foshay at (903) 863-3300 for more detailed information.

There are residence facilities for 1,300 students. Off-campus units for married students are also available, and a meal plan is available for off-campus students.

Two day care facilities in Antigonish provide services to students, staff, and faculty of the university.

A physician has regular office hours during the day and is available on call for emergency service. The medical and surgical expenses of all Canadian students will be covered by the medical plan of the student's home province.

The university provides a guidance centre to assist students with problems of an educational, vocational or personal nature.

Employment and Immigration Canada, in cooperation with the university, maintains a full-time placement office.

Research Institutes

Biochemical Research Institute. Contact: J.J. MacDonald, PhD

Theoretical Physics Institute. Contact: J.J. MacDonald, PhD

Constituent College

Mount Saint Bernard College, Antigonish, Nova Scotia B2G 1C0, Telephone (902) 863-4960. Established in 1882, the college offers residential accommodation for women students attending the university. Principal: Sister M. MacDonell, PhD.

The University of St. Jerome's College*

General Information

Address: Waterloo, Ontario, N2L 3G3
Telephone: (519) 884-8110

President: N.L. Choate, CR, BA, MA

For a complete list of University of St. Jerome's College faculty, see the St. Jerome's College calendar or the University of Waterloo in the *Commonwealth Universities Yearbook*.

Enquiries and high school liaison: Direct general correspondence to the Registrar, K.M. Donelson, BA

Enrolment (1985-1986):	
Full-time undergraduate:	545
Part-time undergraduate:	775

Full-time faculty (1985-1986): 30

Total income (1984-1985): $3,051,000

General operating fund income

	('000)	
Government grants	$ 2,271	74.4%
Fees	717	23.5%
Miscellaneous	63	2.1%
TOTAL	$ 3,051	100%

History and Governance

St. Jerome's College was founded in 1864 by the Reverend Dr. Louis Funcken, of the Congregation of the Resurrection, in a log house near St. Agatha, approximately ten kilometres west of the city of Waterloo. The college was incorporated in 1866 and in that year new and larger quarters were established in Berlin, the original name of Kitchener. Increased enrolments demanded larger facilities.

In 1947 the College became affiliated with the University of Ottawa. The college and high school departments were separated and moved in 1953 to a new campus near the eastern limits of Kitchener.

In March of 1959 a new charter was obtained for St. Jerome's through a private bill in the legislature of the province of Ontario. The name of the college was changed to The University of St. Jerome's College in recognition of the university powers embodied in the new charter, including the power to grant degrees.

At the same session of the legislature, a private bill established the University of Waterloo as a non-denominational institution, and The University of St. Jerome's College entered federation with it in July, 1960.

The University of St. Jerome's College is coeducational and is governed by its own board of governors and the senate of the University of Waterloo.

By agreement with the University of Waterloo, the college holds its degree-granting powers in abeyance. Students earn degrees of the University of Waterloo in the Faculties of Arts and Mathematics.

Buildings and Grounds

The buildings of the University of St. Jerome's College are located on the campus of the University of Waterloo (population of the city of Waterloo 60,000), adjacent to the arts complex and library. The college operates a teaching and administration building including a large service library, and men's and women's residences. An auditorium complex and seminar facilities complete the college complex. St. Jerome's students also have full use of the academic, social, sports and cultural facilities of the University of Waterloo.

Library

The resources of the Dana Porter Arts Library of the University of Waterloo are available to college students. In addition, St. Jerome's maintains a library of standard reference materials and texts relative to the courses taught at the college. This collection totals some 32,000 volumes.

Programs and Degrees

Pass and general bachelor's degrees require three years from senior matriculation unless otherwise specified. Honours bachelor's degrees require four years from senior matriculation unless otherwise specified.

A credit weight of 1.0 is normally assigned to a 26-week (two-term) course; a credit weight of 0.5 is normally assigned to a 13-week (one-term) course. Courses offered at the University of Waterloo are given credit weights which vary from 0.25 to 1.00 credits or more. However, the systems used to specify the number of courses that a student must take to satisfy minimum degree requirements differ from program to program and from faculty to faculty.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General and honours.

Mathematics

Bachelor of mathematics (BMath) Pass program, four-year general program and honours.

Continuing education

Undergraduate courses offered weekday evenings during fall and winter sessions for part-time students. During summer session, courses offered for undergraduates proceeding to a degree and for teachers seeking to upgrade professional qualifications.

Admission Requirements

See the University of Waterloo chapter.

Costs (1986-1987)

Tuition: Full-time (more than 2.0 courses per year), $1,264. Part-time (less than 2.0 courses per year), $282 per course. Incidental compulsory from $280 to $880 per year. Visa students pay a differential fee, in addition to the regular tuition fee.

Residence: Room and board per year: double, $3,408; semi-private, $3,770.

All fees subject to change without notice.

Academic Year

Eight-month academic year from September to April.

Grading System

Same as for University of Waterloo.

Student Aid

The Canada Student Loans Plan is available to students and the provisions of the plan are set out in a brochure issued by the federal government. Copies of the application form are available by writing the Awards Office, Needles Hall, University of Waterloo.

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*Ordinary member, AUCC. Federated with the University of Waterloo.

Student Life and Services

The men's residence, with accommodation for 126 students, is an ancillary enterprise of the college. Preference among new applicants is given to St. Jerome's students, but a number of spaces are available to members of the university at large. During the regular academic year, accommodation can be retained either for the full eight months or for a single term only. In the summer, economical private rooms are provided for in-term cooperative students. Enquiries should be addressed to the Director of Residence, F. O'Connor. Telephone: (519) 884-8110 ext. 51.

A women's residence conducted by the School Sisters of Notre Dame, provides accommodation for 122 students. Enquiries should be directed to the Dean of Women, Sr. D. Brenner, Notre Dame College. Telephone: (519) 884-2640

For information on other services available to students of the college, see the University of Waterloo chapter.

St. John's College*

General Information

Address: 400 Dysart Road, The University of Manitoba Campus, Winnipeg, Manitoba R3T 2M5
Telephone: (204) 474-8531
Telex: 075-7591

Warden and Vice-chancellor: Rev. M. McLean, BA, LTh, MA, DPhil

For a complete list of St. John's College faculty, see the St. John's College calendar or The University of Manitoba in the *Commonwealth Universities Yearbook*.

Enquiries and high school liaison: Direct general correspondence to the Registrar, Geraldine Eyrikson.

Enrolment and full-time faculty: Data added with The University of Manitoba.

Operating and capital income: Income for the college's academic program (except theology) is part of the overall income received and administered by The University of Manitoba from public funds.

History and Governance

St. John's College began in 1849, was refounded in 1866 by the Bishop of Rupert's Land (Anglican) and received its charter of incorporation in 1871. It is one of the three colleges which affiliated in 1877 to create The University of Manitoba. From 1877 until 1914, all university instruction in arts and science was offered by the affiliated colleges while The University of Manitoba acted as an examining and degree-granting body only. The act of 1877 empowered the colleges to confer degrees in theology reserving to the university the right to confer all other degrees. The right of St. John's College to confer theology degrees is preserved to the present.

St. John's College is a coeducational liberal arts and theological college in connection with the Anglican Church of Canada and affiliated to The University of Manitoba. It operates under the authority of the university senate in all academic matters in the faculties of arts and science. With the finalization of new statutes in 1978, the governing structure consists of a 14-member corporation and a 50-member college assembly. The former is responsible for conferring degrees, managing property and financial affairs, appointing college officers and general oversight of the college's activities. The latter is concerned with the administration of the college, student affairs, program planning and development, membership in the college and, in general, the daily activities of the college.

Buildings and Grounds

St. John's College comprises almost three acres on the campus of The University of Manitoba (population of Winnipeg, 578,217). Three main buildings include the academic and administration building, the residence, and the chapel.

Library

The library contains approximately 40,000 volumes including special collections in theology and Canadiana. Students of St. John's College use, on equal terms with students of the university and other colleges, The University of Manitoba libraries and the St. Paul's College library.

Programs and Degrees

For general information on arts, science and other degree programs, see The University of Manitoba entry.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Theology

Some of the academic requirements for ordination are met through courses offered in the department of religion and other departments of The University of Manitoba, and the balance through a supervised auxiliary program of professional studies in the college. The faculty also offers a weekly evening seminar for those preparing to be non-stipendiary clergy and individualized programs for training of native clergy.

Master of divinity (MDiv) Three years from bachelor's degree.
Bachelor of theology (BTh) Three years following at least one year of university education.
Bachelor of ministry (BMin) Three years following a qualifying year as a mature applicant.
Testamur diploma. Five years part-time program for non-stipendiary clergy.

Special program

Canadian studies program: major/minor and honours programs in Canadian studies are offered at The University of Manitoba and most courses are available at St. John's College.

The College offers a special, three-year program whereby students qualify for both a University of Manitoba degree and the title of Associateship of St. John's College. The program specifies the courses to be taken in the optional part of degree programs, and adds non-credit supplements.

Continuing education

Summer session courses are offered in cooperation with The University of Manitoba.

Divinity: non-credit courses in lay ministry, parish ministry, and orientation program for workers in northern native communities are available.

Admission Requirements

Arts, science and other faculties, see The University of Manitoba entry. Applicants to theology must normally be graduates of a recognized university and be acceptable as candidates for ordination by the bishop of their diocese. Students lacking this academic requirement may be accepted for alternative programs.

Costs (1986-1987)

Tuition: Full-time undergraduate and graduate per year in arts, science, and other faculties, see The University of Manitoba entry. Full-time fees (four courses or more) - faculty of theology: $995 plus textbooks and supplies of $300.

Residence: Single room and board, $3,342.
Student fees: $58.
College membership fee: $8.25
All fees subject to change without notice.

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* Ordinary member, AUCC. Affiliated with the University of Manitoba.

Academic Year

Winter session: beginning of September to end of April. Summer session (day and evening courses) July and August. Intersession: May-June.

Grading System

Same as The University of Manitoba. See separate chapter.

Student Aid

Scholarships and prizes for achievement, mainly in arts, science and theology and entrance scholarships are offered. A small number of bursaries, chiefly for children of clergy and for theological students are available. Students are also eligible for bursaries, scholarships and prizes offered by The University of Manitoba, the provincial government and private concerns. For further information students should contact the University of Manitoba Financial Aid Office, (204) 474-9531.

Student Life and Services

The St. John's student council, composed of elected and appointed members, promotes a wide range of cultural, social and athletic activities throughout the college. It also oversees the publication of a yearbook and an occasional newspaper.

On-campus residence accommodation in single rooms with full board (three meals a day) is available for 47 women and 52 men. Laundry, recreational, and dining facilities are located in the residence. For other housing, consult the university's Off-Campus Housing Office.

In the college chapel, regular services are conducted on weekdays and Sundays for interested members of the university community and the college chaplain is available to all students.

Foreign students should contact the Registrar upon arrival for further information.

The University Day Care Centre gives priority to children of the students, faculty and staff of St. John's College. Telephone: (204) 269-7773.

Students have access to all services and facilities provided by The University of Manitoba and are members of the University of Manitoba Student Union. For details, see The University of Manitoba entry.

Saint Mary's University*

General Information

Address: Halifax, Nova Scotia B3H 3C3
Telephone: (902) 429-9780

President: K.L. Ozmon, BA, MA, PhD

For a complete list of the Saint Mary's University faculty, see the Saint Mary's calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, E.A. Chard, BA, BEd, MA

High school liaison: Greg Ferguson, BCom, Director of admissions

Enrolment (1985-1986):

Full-time undergraduate:	3,224
Part-time undergraduate:	1,179
Full-time graduate:	93
Part-time graduate:	167

Full-time faculty (1985-1986): 187

Total income (1984-1985): $24,208,000

General operating fund income	('000)	
Government grants	$ 11,429	47.2%
Fees	5,015	20.8%
Gifts	53	0.2%
Miscellaneous	195	0.8%
Sub Total	$ 16,692	69.0%
Other funds income		
Ancillary enterprises	$ 3,784	15.6%
Special purpose and trust	2,572	10.6%
Sponsored research	798	3.3%
Plant	362	1.5%
Sub Total	$ 7,516	31.0%
TOTAL	$ 24,208	100%

History and Governance

Saint Mary's University was founded in Halifax, Nova Scotia in 1802, and an 1841 act of the Nova Scotia legislature gave it university status. From its beginning the university was a church-related institution under the auspices of the Roman Catholic diocese of Halifax. In July 1970, it was reincorporated under a new act as a non-denominational university. Christian values continue as part of its educational foundation. Throughout most of its history the university was an all-male institution but in 1968 it became fully coeducational. The primary emphasis at Saint Mary's is personalized student-centred education.

Saint Mary's University is a public, coeducational, non-denominational university with control vested in a 29-member board of governors and an academic senate.

Buildings and Grounds

The university is located in south Halifax, a city with a population of 122,035 in a metropolitan area of 261,366 people. The campus comprises 30 acres. On campus there is an academic and main administration building, an academic/residence complex, a student residence complex, a science building, library, student centre, winter arena, football stadium, astronomical observatory, computer centre, art gallery, international education centre and learning resources centre.

Library

The library contains approximately 240,000 volumes, 1,800 periodical titles and a complete ERIC document collection. Computerized bibliographical informational retrieval from all major systems available and a multimedia centre with playback facilities containing microfilm, microfiche, records, A-tapes, V-tapes and slide transparencies. The Ferguson Library for the Print Handicapped consists of several titles on cassettes as well as short stories and selections from books.

Programs and Degrees

Pass and general bachelor's degrees require four years of study (20 courses) from junior matriculation and three years of study (15 courses) beyond senior matriculation unless otherwise indicated. Honours bachelor's programs require 15 courses beyond second year university unless otherwise specified. Master's degrees require four courses plus thesis, covering one or two years, from honours bachelor's degree unless otherwise specified.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) Pass, general and honours.

Master of arts in history (MA), Master of arts in philosophy (MA), Master of arts in Atlantic Canada Studies. Two years after regular (pass) undergraduate degree or one year after honours undergraduate program by normally four courses, examinations and thesis. Part-time study possible.

Commerce

Bachelor of commerce (BCom) General program, five years from junior and four years from senior matriculation. Honours program, 20 courses after first year.

Master of business administration (MBA) Two-year program (or may be taken part-time) from bachelor's degree plus satisfactory score on GMAT.

Education

Bachelor of education (BEd) One academic year (six courses) beyond a first bachelor's degree.

Bachelor of education (vocational education) [BEd(VocEd)] A minimum of twelve courses for BA degree and two courses and a practicum for BEd to those who already hold a vocational teaching licence.

Bachelor of education, in association with the Nova Scotia Teachers' College. A minimum of five courses (three in arts and two in education) for those who already hold an Associate in Education from N.S.T.C.

Master of arts in education (MA) One-year program of four courses plus thesis or five courses. Master in Education (MEd). One-year program of a minimum of five courses. Part-time studies possible.

Engineering

Diploma in engineering (DipinEng) Three years beyond junior matriculation. Arrangements with other Canadian universities permit holders of this diploma to attain engineering degree in an additional three years. After two years (beyond junior matriculation) students may enter architecture program at Technical University of Nova Scotia.

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* Ordinary member, AUCC

Science

Bachelor of science (BSc) Pass and honours.

Master of science in astronomy (MSc) Two years beyond bachelor's degree in physics or mathematics. Six graduate level courses plus thesis. Part-time study possible.

Master of science in applied psychology (MSc) Two years beyond honours bachelor's degree in psychology. Minimum of four graduate-level courses plus thesis. Part-time study possible.

Special programs

Asian studies: Aside from normal university requirements for a bachelor of arts degree, candidate must complete five full-course credits in anthropology, economics, history, political science, and religious studies.

Atlantic Canada Studies Program Aside from normal university requirements students must complete six full courses (or half course equivalents) from several disciplines including Atlantic Canada Studies, Anthropology, Biology, Economics, Geography, History, French, English, Political Science, and Sociology.

China program: The Canada/China Language and Cultural Program, established in 1982 as part of an ambitious development program for China in the areas of human resource development, agriculture, forestry, and energy, financed by the Canadian International Development Agency (CIDA). Students and faculty members are involved in exchanges for teaching and study purposes.

Criminology Certificate Program: Aside from normal university requirements for the Faculty of Arts, student must complete a specific program of studies which includes a minimum of the equivalent of five full courses in sociology.

Architecture: In association with Technical University of Nova Scotia, Saint Mary's offers the first two years of a six-year program in architecture leading to bachelor of architecture.

Continuing programs

On-campus evening and summer session courses leading to degrees in arts, commerce, education and science and to diploma in engineering and to master in business administration. Off-campus courses offered in evening and summer sessions in Barrington Passage, Bedford, Bridgewater, Dartmouth, Kentville, Shearwater, Springhill, Truro, Yarmouth, Lower Sackville (Nova Scotia), Shelburne (Nova Scotia) and downtown Halifax.

On-campus evening and summer courses in management, accounting, real estate, personnel, criminology, electronics and variety of general interest courses in arts, letters and science.

Admission Requirements

Undergraduate

Nova Scotia: Applicants must have grade 11 (junior matriculation) with satisfactory grades in English and four other academically recognized subjects. Those intending to concentrate in commerce, engineering or science must include mathematics as one of the five courses taken. Science and engineering students must also present two courses in science subjects. Nova Scotia applicants must also present grade 12 (senior matriculation) for admission with satisfactory grades in English and four other academically recognized subjects.

Other provinces: New Brunswick and Prince Edward Island applicants entering with grade 12 are generally subject to provisions outlined for Nova Scotia grade 12 students. Those who do not meet requirements but hold a high school graduation certificate may be accepted into four-year degree as is the case for Nova Scotia grade 11 applicants. Newfoundland applicants who have completed grade 11 may be admitted to four-year program. Quebec applicants must have high school leaving certificate. First year CEGEP with high standing may be considered equivalent to Nova Scotia grade 12. Ontario applicants must have grade 12 or five-year program. Those with grade 13 will ordinarily be admitted to three-year degree or four-year honours program. Manitoba, Saskatchewan and Alberta students must have grade 11 certificate. Those with grade 12 may be considered for three-year degree or four-year honours program. British Columbia applicants must have completed four-year secondary school program.

Mature students

Applicants who do not meet normal admission requirements and who are at least 25 years of age and have been out of school for at least five years may apply as mature students. They must show, through work experience or in other ways, ability to benefit from university studies. Each mature student is considered on an individual basis.

Senior students

Students 60 years of age and over are required to meet normal admission requirements.

Graduate

Bachelor's degree or equivalent with knowledge of proposed field of specialization satisfactory to department concerned. Preference given to those with honours degree. Admission granted only to those who show promise of success.

Foreign students

Quotas on the number of foreign students do not exist but the deadline for receipt of applications should be respected in order to be considered for admission. A student whose first language is not English or who has not attended an English language secondary school is required to take an English language test. These are administered by the University of Michigan (90 minimum acceptable score), the College Entrance Examination Board and the University of Cambridge (aggregate grade of C or higher). Normal TOEFL score required is 550.

USA: Applicants who have graduated from high school with 16 points, four in English and 12 in other academic subjects, considered for admission to four-year degree program or five-year honours program. Those seeking admission to engineering and science must have three points in mathematics and at least three points in science subjects. Students seeking admission to commerce must have three points in mathematics. Must present high school transcript, confidential evaluation from school principal or counsellor and CEEB and SAT scores. High school graduates with excellent grades, test scores and recommendations may be considered for advanced standing in relevant subject areas. Those with a year or more of university or college may be considered for additional advanced credit.

Other: Equivalent of four years at North American high school or completion of English GCE at 0-level. Passes must be in at least five subjects including English for arts; English, mathematics and two science subjects for engineering and science; English, mathematics and three other subjects for commerce. Students with GCE A-levels may be considered for advanced standing.

Students submitting the international baccalaureate will be considered for admission.

Application Deadlines

Applications should reach the university by August 1 for Canadian students and April 1 for foreign students who require visas or student authorizations.

Costs (1985-1986)

Tuition: Fees, including all regular university charges for registration, tuition, laboratories, library, athletics and health services, $1,450. Part-time and evening division, $290 per course. Graduate, $20. A differential fee of $1,700 is assessed against visa students commencing a new program.

Tuition fees are waived for senior citizens.

Full-time students are those enrolled in 3 or more courses per semester. Part-time students are those enrolled in less than 3 courses per semester.

Residence: Rates in residence vary according to the type of room (single or double) and the type of meal plan selected. In 1985-6, the rates ranged between $1,350 for an apartment (with no meals) to $2,910 for a single room with a flexible meal plan. Further details, including information on meal plans are available upon request from the Director of University Residences.

Student fees: $86.50 for full-time students; $10 for part-time students taking a course or courses on campus (included in tuition fee above).

All fees subject to change without notice.

Academic Year

Regular session: early September to early May.
First summer session: mid-May to end of June (6 weeks).
Second summer session: early July to mid-August (6 weeks).

Grading System

Undergraduate rating, grades and quality points: excellent, A, 4.0; very good, B+, 3.5; good, B, 3.0; satisfactory, C+, 2.5; C, 2.0; C—, 1.5; marginal pass, D, 1.0; fail, F, 0.0; approved withdrawal, W; aegrotat standing, AE. A cumulative quality point average of at least 1.5 is required for graduation.

Graduate rating, grades and quality points: excellent, A, 4.0; good, B+, 3.5; satisfactory, B, 3.0; below graduate standard, B—, 2.5; marginal pass, C, 2.0; failure, F, 0; aegrotat, AE; authorized withdrawal, W. A grade point average of 3.0 is necessary for graduation.

Student Aid

Financial assistance is available to students at Saint Mary's mainly through scholarships, bursaries and the Canada Student Loans Plan. All financial aid is dependent on student's satisfactory academic achievement when entering and studying at the university. The awarding of scholarships, and in some instances, of bursaries as well as the renewal of such awards, is dependent on excellence in academic achievement. Awards of up to $2,500 are offered to students with excellent academic achievement upon entering the university. Students who have completed one or more years in a university are also eligible for scholarships even though they were not granted an award at entry.

Students should contact the Financial Counselling Officer for more detailed information. Telephone: (902) 429-9780 ext. 2215.

Student Life and Services

The Saint Mary's University Students' Representative Council represents all full-time students registered at the university and is governed by an elected students' council. Its objectives are to promote the religious, artistic, literary, educational, social, recreational and sporting activities of its members and others.

Each year five students are elected to sit on the academic senate of the university and four students elected to the board of governors.

There are various societies on campus which deal with different aspects of student life such as the political science association, the biological society, the engineering society, business administration society, Caribbean student society, folk club, the dramatic society, the debating society, and the Chinese students association. The university also provides such services on campus as a bookstore, banking facilities, barber shop, beauty salon, and mini-market. These are in addition to the facilities provided in the student centre.

The high-rise residence complex has accommodation for 1056 men and women and 105 apartments in family housing units.

The health services unit on campus serves both students and staff. Non-Canadian students who do not qualify for the Nova Scotia hospital insurance coverage are required to pay a compulsory insurance fee, which for 1985-1986, was $413 (single coverage) and $853 (family) per student.

The student counselling services offer guidance and counselling, without charge, to any regularly enrolled student. Counsellors with professional training are available to assist all students with matters of personal, social, educational or vocational adjustment.

Chaplains are also on staff to provide religious leadership and services for students of many denominations.

As a member of the Atlantic Universities Athletic Union and the Canadian Interuniversity Athletic Union, the University offers both male and female students a number of varsity teams on which to compete as well as a significant number of intermural and tournament sports. A new Recreation and Fitness Centre is currently under construction and will be opening in September 1986.

Special apartments in the university residence have been equipped for the use of handicapped students, especially those in wheelchairs. A volunteer-readers' program and assistance in the library are available to blind students. Handicapped students should make themselves known to the Director of Student Services. Telephone: (902) 429-9780 ext. 2214. The Atlantic Centre of Support for Disabled Students is located on campus.

There is also an International Education Centre located on campus. Foreign students should contact the Director of Student Services for assistance. Telephone: (902) 429-9780 ext. 2214.

The Canada Employment Commission, in cooperation with the university, maintains a full-time student placement office on the campus on a year-round basis. The office assists graduates and undergraduates to obtain permanent, summer or part-time employment and assists local and national employers who wish to recruit at Saint Mary's University.

Affiliated College

Ignatius College, Guelph, Ontario N1H 6N6 Telephone, (519) 824-1250, Roman Catholic, men only. Founded in

1913 for training members of the Society of Jesus in English-speaking Canada. Affiliated to the university in 1957. Offers courses toward university degree. President: Very Reverend J.E. le Sarge, sj.

Research Institutes

Gorsebrook Research for Atlantic Canada Studies. Executive director: John Chamard, BA, MBA

Institute for Human Values. Director: John R. MacCormack, BA, MA, PhD

International Education Centre. Executive Director: George W. Schuyler, BA, MA, PhD

University of St. Michael's College*

General Information

Address: 81 St. Mary Street
Toronto, Ontario M5J 1J4
Telephone: (416) 926-1300
Telex: 022-891

President and Vice-chancellor: Rev. James McConica, csb, MA, DPhil

For a complete list of the University of St. Michael's College faculty see the St. Michael's calendar or its entry in the *Commonwealth Universities Yearbook.*

Enquiries and high school liaison: Direct general enquiries to the Registrar, Rev. R.B. Donovan, csb, BA, MA, PhD.

Enrolment (1985-1986):

Full-time undergraduate:	2,571
Part-time undergraduate:	518
Full-time graduate:	187
Part-time graduate:	39

Full-time faculty (1985-1986): 119

Total income (1984-1985): $8,592,000

General operating fund income

	('000)	
Government grants	$ 1,057	12.3%
Fees	4,138	48.1%
Miscellaneous	1,492	17.4%
Sub Total	$ 6,687	77.8%
Other funds income		
Ancillary enterprises	$ 1,864	21.7%
Special purpose and trust	17	0.2%
Sponsored research	24	0.3%
Sub Total	$ 1,905	22.2%
TOTAL	$ 8,592	100%

History and Governance

St. Michael's College was established in 1852 by the Right Reverend Armand, Comte de Charbonnel, second bishop of Toronto, and placed under the direction of the Basilian Fathers. Classes began on 15 September 1852 and the first commencement was held on 26 July 1853. In the first year two students who had entered with advanced standing completed the course in theology and one the course in arts. The College was incorporated as an institution of higher learning by an Act of the Province of Canada in 1855. It was affiliated with the University of Toronto in 1881 and became a federated theological college in 1887. When the University of Toronto Act was revised in 1906, provision was made for the federation of St. Michael's as an Arts college and this was accomplished in 1910. In 1954 the legislature of the Province of Ontario gave St. Michael's the right to grant degrees in theology (first exercised in 1955), and in 1958 constituted it as a university in federation with the University of Toronto. During the term of such federation it holds its right to grant degrees in abeyance, except in theology.

The University of St. Michael's College has three divisions: (1) St. Michael's College, which is part of the faculty of arts and science of the University of Toronto; (2) the faculty of theology, which is part of the ecumenical Toronto School of Theology (federated with the University of Toronto); and (3) The Pontifical Institute of Mediaeval Studies, which is closely associated with the University of Toronto's Centre for Mediaeval Studies. Degrees in arts, commerce and science are awarded by the University of Toronto; degrees in theology either conjointly by St. Michael's and the University of Toronto or by St. Michael's alone; MA's and PhD's in mediaeval studies are awarded by the University of Toronto and doctorates and licentiates in mediaeval studies are granted by the Institute. The University of St. Michael's College is a co-educational, Roman Catholic institution. It is governed by a ten-member Collegium (with six assessor members), a 130-member Senate and three faculty councils (one in each division).

Buildings and Grounds

The university is situated on Queen's Park Crescent East on a six-hectare site adjoining the campus of the University of Toronto. It has four teaching buildings, a library, a collegiate church and chapel, a faculty-student centre, and faculty and student residences. Most buildings are accessible to the handicapped. There are limited parking facilities. Metro Toronto has an extensive public transportation system.

Library

The John M. Kelly Library holds 248,000 volumes, 7,500 microfilm and 16,500 audio-visual items, and maintains subscriptions to approximately 1,500 periodicals and serials. Students registered at St. Michael's have full access as well to all of the University of Toronto libraries.

Special collections: Mediaeval Collection (40,000 volumes) supports an area studies program for the Institute and the Centre; it embraces language, literature, history, philosophy, theology, art and architecture, and is rich in bibliographical and paleographical work.

Counter Reformation Collection has 3,250 volumes published between 1500 and 1700 by continental and English writers.

Sablé Collection contains over a thousand volumes from early in the 19th century representing French Romanticism.

Newman and Chesterton Collections (each more than 300 volumes) contain virtually all first editions by, and most secondary works about, these authors.

Small collections representing historical interests at St. Michael's.

Programs and Degrees

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA). As offered by University of Toronto. See separate chapter.

Commerce

Bachelor of commerce (BCom) As offered by the University of Toronto. See separate chapter.

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* Ordinary member, AUCC. Holds in abeyance degree-granting powers in arts and science during term of federation with University of Toronto.

Mediaeval Studies (Pontifical Institute of Mediaeval Studies)
Licentiate in mediaeval studies (MSL) Three years from BA. (See the Pontifical Institute of Mediaeval Studies under other institutions related to the University in the University of Toronto chapter).
Doctorate in mediaeval studies (MSD) Two years from MSL.

Science
Bachelor of science (BSc) As offered by University of Toronto. See separate entry.

Theology
Master of divinity (MDiv) Three years from BA.
Master in theology (ThM) One year from MDiv or equivalent.
Master of religious education (MRE) Two years from BA plus two years of teaching experience or equivalent.
Master of arts in theology (MA) Two years from BA.
Doctor of philosophy in theology (PhD) Two years from a degree in theology (MA, ThM, MDiv) with first class standing, including a thesis.
Doctor of theology (ThD) Two years from a degree in theology (MA, ThM, MDiv) with first class standing, including a thesis.
Diploma in theology or religious education. Ten units of Toronto School of Theology work to be achieved full-time in a twelve-month period or on a part-time basis within five years. One unit = one two-hour semester course.

Special programs
Pontifical Institute of Mediaeval Studies provides facilities for research into the thought, institutions and culture of the Middle Ages. For further information contact Professor R.E. Reynolds, csb, Pontifical Institute of Mediaeval Studies, 59 Queen's Park Crescent East, Toronto, Ontario, M5S 2C4
Telephone: (416) 926-7128.

Admission Requirements

See University of Toronto entry for admission to undergraduate programs. For admission to graduate programs a bachelor's degree or its equivalent from an accredited institution is required for both Canadian and foreign students. There is no quota limitation for foreign students.

Application Deadlines

For undergraduate programs see University of Toronto entry. For MA, PhD, ThM, DMin, MSL and MSD April 1; for MDiv, MRE and Diploma in theology June 30.

Costs (1986-1987)

Undergraduate fees: full-time (five full courses per year): $1,577.75; part-time (one course per year): $367.25; visa students (full-time): $5,082.75; visa students (part-time, one course per year): $1068.25

Graduate fees (1985-1986): MSL: full-time, $1,416; visa students, $6,533. MDiv, MRE: full-time $1,497.25; visa students, $5,217.25. ThM, ThD: full-time $1,600; visa students $4,144. MA, PhD: full-time, $2,052; visa students, $4,960.

Application fees: for undergraduates: $20; for graduate students: MSL: $20; all theology programs: $10.

Incidental fees: include library, student centre, athletic facilities, campus health service, Hart House, Students' administrative council. Incidental fees are included in the above figures.

Residence fees for men: single room, $1,647; double room, $1,502; partial meal plan (12 meals a week), $1,522.

Residence fees for women: full board and single room, $3,310; full board and double room, $3,190

Academic Year

Winter session: early September to early May.

Inter-session (theology only): mid-April to mid-May

Summer session (undergraduate): May to August; (theology) early July to mid-August

Grading System

Same as University of Toronto. See separate chapter.

Student Aid

Scholarships, bursaries, grants and loans are available to undergraduate and graduate students. Scholarships are awarded on the basis of academic achievement; other awards are based on need. Most awards are renewable under appropriate conditions. Students are considered for scholarships on the basis of their entrance qualifications or their previous year's performance: no application is necessary. The application deadline for bursaries for graduates: April 30; for undergraduates: no deadline. There are a limited number of assistantships at the graduate level. The Ontario Student Aid Plan is available. For further details, consult the Director of Student Awards, Rev. W.J. Brown, csb.

Student Life and Services

St. Michael's has had student organizations for many decades: it has had student self-government since 1965. The latter is involved in a wide range of cultural and social activities. All students belong to the appropriate student organization in their respective division. Students are represented on faculty councils and on the Collegium. The faculty-student centre (Brennan Hall) has an auditorium, meeting-rooms, cafeterias, student offices, a senior common-room, faculty dining-room and a faculty-student lounge. The undergraduate newspaper (The Mike), the yearbook (Windrose) and a literary annual (The Grammateon) have offices in Alumni Hall. There are tennis and basketball courts and a playing field. Alumni Hall contains a well equipped modern theatre seating 270. Clubs on campus include the French and Italian Clubs who sponsor cultural activities and the Mickities, a theatre group. Academic, financial and religious counselling is available. There is residential accommodation for 300 men and 360 women (the latter are accommodated at Loretto and St. Joseph's Colleges). St. Michael's students are members of the University of Toronto's Students' Administrative Council and have access to the University of Toronto's day-care centre, international student centre, health services, ombudsman, career-counselling and placement centre, and athletic facilities.

Constituent Colleges

Loretto College, 70 St. Mary Street, Toronto, Ontario M5S 1J3 Telephone, (416) 925-2833. Roman Catholic. Founded in 1912. Foundation of the Institute of the Blessed Virgin Mary, provides accommodation for women students registered at University of St. Michael's College and for limited number of women registered in other faculties at University of Toronto. Dean: Sister J. D'Agostino, ibvm, BA, MEd, MRE

St. Joseph's College, 90 Wellesley Street West, Toronto, Ontario M5S 1C5 Telephone, (416) 924-2121. Roman Catholic. Founded 1911. Foundation of Sisters of St. Joseph provides accommodation for women students registered at University of St. Michael's College and for limited number of women registered in other faculties of University of Toronto. Dean: Sister Mary Anne McCarthy, csj, BA, BEd.

Research Institute

The Pontifical Institute of Mediaeval Studies (founded in 1929) is Canada's oldest interdisciplinary research institute in the humanities, and includes in its purview all aspects of mediaeval culture. President: J.A. Raftis, BA, MA, Dr en ScSoc, PhD, FRSC

Université Saint-Paul*

English version follows/Le texte anglais se trouve à la suite.

Renseignements généraux

Adresse: 223, rue Main, Ottawa (Ontario) K1S 1C4
Téléphone: 613) 236-1393

Recteur: P. Hurtubise, omi, MA, LPh, LTh, DHist

Pour la liste complète des membres du corps professoral de l'Université Saint-Paul, prière de vous reporter à l'annuaire de l'Université Saint-Paul ou au *Commonwealth Universities Yearbook*.

Demandes de renseignements: Prière d'adresser la correspondance générale au registraire, E. Marcotte, omi, MA, LPh, DTh

Agent de liaison, écoles secondaires: E. Marcotte, omi

Inscriptions (1985-1986):

1er cycle à temps plein:	220
1er cycle à temps partiel:	351
2e et 3e cycles à temps plein:	192
2e et 3e cycles à temps partiel:	93

Professeurs à temps plein (1985-1986): 54

Revenu total (1985-1986): $5,248,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 2,305	43.9%
Frais de scolarité	956	18.2%
Dons	1,987	37.9%
TOTAL	$ 5,248	100%

Historique et statuts

De 1848 à 1965, l'histoire de l'Université Saint-Paul est celle de l'Université d'Ottawa. Le 1er juillet 1965, en vertu d'une loi de la province d'Ontario, l'institution jusqu'alors désignée comme Université d'Ottawa prenait le nom d'Université Saint-Paul et conservait les deux chartes, civile et pontificale, qui lui avaient été conférées en 1866 et 1889, respectivement. En même temps était créée une nouvelle corporation autonome qui allait porter le nom d'Université d'Ottawa. Fédérée avec l'Université d'Ottawa, l'Université Saint-Paul a convenu de limiter son enseignement aux facultés de théologie et de droit canon. Elle confère ses grades civils et ses certificats conjointement avec le Sénat de l'Université d'Ottawa.

L'Université Saint-Paul est la propriété d'une communauté religieuse de l'Église catholique qui l'administre, mais elle est ouverte à tous les étudiants sans distinction de croyances religieuses. Ses programmes s'adressent aux hommes et aux femmes, aux laïcs, prêtres, séminaristes et membres des communautés religieuses. Le Conseil d'administration (5 membres) est chargé du gouvernement général de l'université ainsi que de l'administration de ses biens; le Sénat (22 membres) est l'autorité suprême en tout ce qui concerne l'enseignement et la recherche.

Bâtiments et terrains

L'Université est située dans le coeur de la cité d'Ottawa. Elle dispose d'un ample terrain de stationnement. Une rampe spéciale permet l'accès facile aux handicapés.

Bibliothèque

La bibliothèque de l'Université contient environ 350,000 volumes, 100,000 microformes et 1,000 périodiques. Elle est particulièrement spécialisée dans le domaine des sciences religieuses et de la philosophie.

Programmes et grades

Les langues d'enseignement sont le français et l'anglais. Les exigences de temps et de crédits varient selon les programmes: voir ci-dessous. Un crédit représente 45 heures consacrées à la participation à un cours.

On trouvera des détails sur les programmes au chapitre **Grades et diplômes.** Dans la liste qui suit, l'astérisque indique que les grades sont conférés conjointement par l'Université d'Ottawa et l'Université Saint-Paul; les autres grades sont conférés par l'Université Saint-Paul.

Droit canon
Certificat d'études universitaires en droit canon*. Deux trimestres après la 13e année de l'Ontario ou l'équivalent.
Grades civils Baccalauréat en droit canon (BDC)* Deux trimestres après le baccalauréat ou l'équivalent.
Maîtrise en droit canon (MDC)* Deux trimestres après le BDC. Sans thèse.
Maîtrise ès arts en droit canon (MA/DC)* Deux trimestres après le BDC. Thèse.
Doctorat en philosophie, en droit canon (PhD/DC)* Quatre trimestres après la MDC.
Grades ecclésiastiques Baccalauréat en droit canon (BDC) Deux trimestres après le baccalauréat ou l'équivalent.
Licence en droit canon (LDC) Deux trimestres après le BDC.
Doctorat en droit canon (DDC) Quatre trimestres après la LDC.

Sciences missionnaires (Institut des sciences missionnaires)
Certificat d'études universitaires en missiologie* Deux trimestres après la 13e année de l'Ontario ou l'équivalent.
Maîtrise ès arts en missiologie (MA/Miss)* Avec thèse, quatre trimestres après le BA. Sans thèse, six trimestres après le BA.

Pastorale (Institut de pastorale)
Diplôme en sciences pastorales*. Trois trimestres après le BA et propédeutique.
Maîtrise ès arts en sciences pastorales (MA/ScPast)* Cinq trimestres après le BA et propédeutique.

Philosophie
Baccalauréat en philosophie (BPh) Deux ans après la première année de la faculté des arts ou l'équivalent, ou une année après le BA général avec au moins 24 crédits en philosophie.
Licence en philosophie (LPh) Au moins quatre trimestres après le BPh.
Doctorat en philosophie (PhD) Au moins quatre trimestres après la LPh.

Communications sociales (Institut des communications sociales)
Certificat d'études en animation*. Deux trimestres après la 13e année d'Ontario ou l'équivalent.

Théologie
Certificat d'études universitaires en théologie*. Deux trimestres après le DEC ou au moins une année du cours des arts.
Grades civils Baccalauréat en théologie (Bth)* Six trimestres après le DEC ou au moins une année du cours des arts.

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* Membre ordinaire de l'AUCC. Féderée avec l'Université d'Ottawa.

Maîtrise ès arts en théologie (MA/Th)* Au moins deux trimestres après le BTh. Avec ou sans thèse.
Doctorat en philosophie en théologie (PhD/Th)* Quatre trimestres après la MA/Th.
Grades ecclésiastiques Baccalauréat en théologie (BTh) Six trimestres après le DEC ou au moins une année du cours des arts.
Licence en théologie (LTh) Quatre trimestres après le BTh.
Doctorat en théologie (DTh) Deux trimestres après la LTh.

Éducation permanente
Cours et conférences sur le campus et hors du campus, en communications sociales, pastorale, sciences missionnaires et théologie, durant toute l'année universitaire et au cours de l'été, à l'intention des laïcs, des clercs et des membres de communautés religieuses.

Conditions d'admission
1er cycle:
Pour l'admission en théologie: un DEC ou la première année d'un cours des arts, avec moyenne générale de 65 pour cent. Droit canon: un baccalauréat ou l'équivalent, avec au moins une mention B.

2e et 3e cycles:
Programmes de maîtrise: un baccalauréat spécialisé, avec au moins une mention B, ou l'équivalent. Programmes de doctorat: une maîtrise dans le domaine dans lequel le candidat désire poursuivre ses études à ce niveau, avec au moins classe II supérieure.

Programmes conduisant à un certificat (sauf en théologie)
Les candidats de l'Ontario doivent avoir terminé leur 13e année d'études. Les autres candidats devront communiquer avec le bureau du secrétaire général pour obtenir des renseignements.

Étudiants étrangers
La scolarité de tout candidat à un programme de premier cycle doit correspondre au niveau exigé des étudiants de l'Ontario pour fin d'admissibilité. En plus des conditions générales d'admission, chaque faculté établit ses propres conditions, en fonction du programme auquel le candidat fait sa demande. On tient compte du baccalauréat international. Chaque candidat doit maîtriser adéquatement le français ou l'anglais. Il n'y a aucun contingentement pour les étudiants étrangers.

Dates limites des inscriptions
Les demandes, pour le trimestre d'automne, doivent être présentées pour le 15 août; pour le trimestre d'hiver, pour le 15 décembre; pour le trimestre du printemps, pour le 15 avril et, pour la session d'été, pour le 15 juin.

Frais (1986-1987)
Droits de scolarité: Étudiants à plein temps, par trimestre: études supérieures, $620; 1er cycle, $535; étudiants étrangers, $2,165.
Étudiants à temps partiel: études supérieures (6 crédits ou moins par trimestre): $71 par crédit; 1er cycle (9 crédits ou moins par trimestre): $44 par crédit.

Résidence: Environ $225 par mois (chambre).

Association des étudiants: à plein temps; $15 par année; à temps partiel; $2 par trimestre.

Tous les droits sont sujets à changement sans préavis.

Année universitaire
Trimestre d'automne: du début de septembre à la mi-décembre. Trimestre d'hiver: du début de janvier à la fin d'avril. Trimestre du printemps: du 1er mai à la mi-août. Session d'été: début de juillet à mi-août.

Système de notation
A+ (90-100 p. 100), exceptionnel; A (85-89 p. 100); A— (80-84 p. 100), excellent; B+ (75-79 p. 100); B (70-74 p. 100), très bien; C+ (66-69 p. 100); C (60-65 p. 100), bien; D+ (55-59 p. 100); D (50-54 p. 100), passable; E (40-49 p. 100), échec avec droit de reprise; F (0-39 p. 100), échec. Au niveau des études supérieures, toutes les mentions en-deçà de C+ correspondent à des échecs.

Aide aux étudiants
L'Université offre un certain nombre de bourses d'études supérieures et de bourses de premier cycle, tenant compte des résultats scolaires et des besoins financiers. Il y a également quelques bourses d'excellence. De plus, l'Université est reconnue comme institution admissible par les services provinciaux de prêts et bourses aux étudiants, ainsi que par quelques autres organismes semblables. Pour plus de renseignements, prière de s'adresser au Directeur, Service de l'aide financière aux étudiants, Université Saint-Paul.

Vie étudiante et services aux étudiants
L'Association des étudiants de l'Université Saint-Paul, fondée vers 1968, est dirigée par un exécutif de cinq membres, élus chaque année par l'Assemblée générale des étudiants. L'Association prend part à la mise en candidature et à l'élection des représentants étudiants au sein du Sénat et des conseils professoraux de l'université et contribue à la vie culturelle, sociale, artistique et sportive sur le campus. En outre, elle coordonne les activités estudiantines et assure la liaison entre les étudiants et les autres organisations universitaires.

L'Université Saint-Paul peut loger 225 étudiants dans ses résidences. Elle dispose également d'un service aux étudiants qui se cherchent un logement hors du campus. Pour renseignements, s'adresser au Directeur, Service de logement et des résidences, Université Saint-Paul.

Un service d'animation spirituelle assure des célébrations liturgiques, offre une direction spirituelle suivie et s'occupe de toute autre activité susceptible d'améliorer la qualité de vie des personnes.

La librairie universitaire renferme un vaste éventail de publications françaises et anglaises.

On a augmenté les services audio-visuels pour mettre les moyens modernes de communication à la disposition des étudiants. S'y trouvent des appareils audio-visuels, un studio de télévision, un studio d'enregistrement sonore et une chambre noire.

Un centre de renseignements, un centre d'impression et de publication, une cafétéria et des salons sont également à la disposition des étudiants.

Instituts de recherche
Centre de recherche. Directeur: P. Hurtubise, omi. Le Centre a un centre auxiliaire: Centre de recherches en histoire religieuse du Canada. Directeur: P. Hurtubise, omi.

Institution affiliée
St. Augustine's Seminary, 2661, chemin Kingston, Scarborough (Ontario) M1M 1M3 Téléphone, (416) 261-7207. Cours en anglais seulement, en vue du baccalauréat en théologie. Séminaire catholique. Cours de jour. Affilié en 1964. Grades ecclésiastiques conférés par l'Université Saint-Paul. Membre de la Toronto School of Theology. Recteur: P.C. Somerville, BA, STL.

Saint Paul University*

General Information

Address: 223 Main Street, Ottawa, Ontario K1S 1C4
Telephone: (613) 236-1393

Rector: P. Hurtubise, omi, MA, LPh, LTh, DHist

For a complete list of Saint Paul faculty see the Saint Paul calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, E. Marcotte, omi, MA, LPh, DTh

High school liaison officer: E. Marcotte, omi

Enrolment (1985-1986):

Full-time undergraduate:	220
Part-time undergraduate:	351
Full-time graduate:	192
Part-time graduate:	93

Full-time faculty (1985-1986): 54

Total income (1985-1986): $5,248,000

General operating fund income

	('000)	
Government grants	$ 2,305	43.9%
Fees	956	18.2%
Miscellaneous	1,987	37.9%
TOTAL	$ 5,248	100%

History and Governance

From 1848 to 1965, Saint Paul University and the University of Ottawa have a common history. On July 1, 1965, through an act of the Ontario legislature, the institution formerly known as the University of Ottawa was given the name Saint Paul University, and retained the two charters, civil and pontifical, which were conferred in 1866 and 1889 respectively. At the same time, a new and independent corporation was created to be designated as the University of Ottawa. Federated with the University of Ottawa, Saint Paul University has agreed to limit its teaching to the faculties of theology and canon law. It confers its civil degrees and certificates conjointly with the Senate of the University of Ottawa.

Saint Paul University is owned and operated by a religious order of the Roman Catholic Church, but it is open to students of all religious denominations. It offers its programs to men and women, lay people, priests, seminarians, and members of religious orders. The council of administration (5 members) is responsible for the general government of the university and the administration of its property; the senate (22 members) is the supreme authority in all matters concerning teaching and research.

Buildings and Grounds

The University is located in Ottawa's downtown area. It enjoys the facility of a large parking lot. A special approach-ramp provides easy access to handicapped persons.

Library

The University Library holds approximately 350,000 volumes, 100,000 microforms and 1,000 periodicals. It is particularly specialized in the area of Religious Studies and Philosophy.

Programs and Degrees

The University uses both English and French as languages of instruction. Duration and credit requirements vary according to programs: see below. One credit represents 45 hours (3 hours per week for one trimester of 15 weeks) devoted to participation in a course.

For detailed information on programs, see **Degrees and Diplomas** chapter. In the list below, the asterisk indicates the degrees conferred jointly by the University of Ottawa and St. Paul University; the others are conferred by Saint Paul University.

Canon law
Certificate of university studies in canon law.* Two trimesters after Ontario Grade 13 or equivalent.
Civil degrees
Bachelor of canon law (BCL)* Two trimesters after bachelor's degree or equivalent.
Master of canon law (MCL)* Two trimesters after BCL. No thesis.
Master of arts in canon law (MA/CL)* Two trimesters after BCL. Thesis.
Doctor of philosophy in canon law (PhD/CL)* Four trimesters after MCL.
Canonical degrees
Bachelor of canon law (BCL) Two trimesters after bachelor's degree or equivalent.
Licentiate in canon law (LCL) Two trimesters after BCL.
Doctor in canon law (DCL) Four trimesters after LCL.

Mission studies (Institute of Mission Studies)
Certificate of university studies in missiology.* Two trimesters after Ontario Grade 13 or equivalent.
Master of arts in missiology (MA/Miss)* With thesis, four trimesters after BA. Without thesis, six trimesters after BA.

Pastoral studies (Institute of Pastoral Studies)
Diploma in pastoral studies*. Three trimesters after BA and qualifying year.
Master of arts in pastoral studies (MA/PastSt)* Five trimesters after BA and qualifying year.

Philosophy
Bachelor of philosophy (BPh) Two years after first year in faculty of arts or equivalent or one year after general BA with at least 24 credits in philosophy.
Licentiate in philosophy (LPh) At least four trimesters after BPh.
Doctor of philosophy (PhD) At least four trimesters after LPh.

Social communications (Institute of Social Communications)
Certificate of studies in animation.* See Certificat d'études en animation (French text).

Theology
Certificate of university studies in theology.* Two trimesters after DEC or at least one year arts.
Civil degrees
Bachelor of theology (BTh)* Six trimesters after DEC or at least one year arts.
Master of arts in theology (MA/Th)* At least two trimesters after BTh. With or without thesis.
Doctor of philosophy in theology (PhD/Th)* Four trimesters after MA/Th.

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* Ordinary member, AUCC. Federated with the University of Ottawa.

Canonical degrees
Bachelor of theology (BTh) Six trimesters after DEC or at least one year arts.
Licentiate in theology (LTh) Two trimesters after BTh.
Doctor of theology (DTh) Two trimesters after LTh.

Continuing education
On and off-campus lectures and courses in social communications, pastoral studies, mission studies and theology are available during academic year and in summer for lay people, clerics and members of religious orders.

Admission Requirements

Undergraduate
For admission to theology: a DEC or a first year arts program, with 65% general average. Canon Law: a BA degree or its equivalent, with at least B standing.

Graduate
Master's programs: a specialized Bachelor's degree, with at least B standing, or the equivalent.
Doctoral programs: a Master's degree in the discipline in which the candidate applies for PhD, with high second-class standing, or equivalent.

Certificate programs (except Theology)
Ontario candidates must have grade 13. Other candidates should contact the Registrar's Office for information.

Foreign students
Applicants for admission to an undergraduate program must hold standing equivalent to that which Ontario students must meet. In addition to the general admission requirements, each faculty sets particular requirements in function of the program into which a candidate seeks admission. The International Baccalaureate is taken into account. Every student must master adequately either English or French. There is no enrolment limitation for foreign students.

Application Deadlines

Applications for fall trimester must be submitted by August 15, by December 15 for winter trimester, by April 15 for spring trimester and by June 15 for summer session.

Costs (1986-1987)

Tuition: Full-time students, per trimester: graduate, $620; undergraduate, $535; visa students, $2,165.
Part-time students: graduate (6 credits or less per trimester), $71 per credit; undergraduate (9 credits or less per trimester), $44 per credit.

Residence: Approximately $225 per month (room).

Students' Union: full-time, $15 per year; part-time, $2 per trimester.

All fees subject to change without notice.

Academic Year

Fall trimester: early September to mid-December.
Winter trimester: early January to end of April.
Spring trimester: May 1 to mid-August.
Summer session: beginning of July to mid-August.

Grading System

A+ (90-100%), exceptional; A (85-89%); A— (80-84%), excellent; B+ (75-79%); B (70-74%), very good; C+ (66-69%); C (60-65%), good; D+ (55-59%); D (50-54%), pass; E (40-49%), redeemable failure; F (0-39%), failure. For graduate studies, all grades below C+ are failing grades.

Student Aid

The University offers each year a certain number of graduate and undergraduate scholarships, taking into account both academic achievement and financial needs, and a few merit awards. Moreover, the University is recognized as an eligible institution for student aid by provincial governments and other similar bodies. For more information, please contact the Director, Student Financial Assistance Service, Saint Paul University.

Student Life and Services

The Students' Union, founded around 1968, is directed by a five-member executive, elected each year by the student body. The union is involved in the election and nomination of students to the senate and faculty councils of the university and contributes to cultural, social, artistic and sports events on campus. It acts also as a coordinating body for student activities and as a public relations agent between the students and other university organizations.

Saint Paul University can accommodate 225 students in its residences. It also provides a service for students seeking off-campus accommodation. For information, please contact the Director, Residence and Housing Administration, Saint Paul University.

A spiritual animation service provides for liturgical celebrations, spiritual direction on an ongoing basis, and any other activity that might enhance the quality of life of the individuals at the university.

The university bookstore offers its clientele a wide choice of French and English-language publications.

An audiovisual service has been expanded to accommodate students in the use of modern mediums of communications. The facilities include audiovisual equipment, a television studio, a sound studio and a darkroom.

Other services and facilities for students include an information unit, a printing and publishing centre, a cafeteria and lounges.

Research Institutes

Research Centre. Director: P. Hurtubise, omi. The Centre has a subsidiary, the Research Centre in Religious History of Canada. Director: P. Hurtubise, omi.

Affiliated Institution

St. Augustine's Seminary, 2661 Kingston Road, Scarborough, Ontario M1M 1M3 Telephone, (416) 261-7207. Courses offered in English only leading to BTh degree. Catholic seminary for day students. Affiliated in 1964. Canonical degrees conferred by Saint Paul University. Member of Toronto School of Theology. Rector: P.C. Somerville, BA, STL.

St. Paul's College*

General Information

Address: 430 Dysart Road, Winnipeg, Manitoba R3T 2M6
Telephone: (204) 474-8575
Telex: 075-7591

Rector: D.J. Lawless, BA, MA, PhD

For a complete list of St. Paul's College faculty, see the St. Paul's College calendar or The University of Manitoba in the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to Dean of studies, L.W. Cooley, BA, MA, PhD

High school liaison: Morris Mott, Registrar

Enrolment (1985-1986):
Full-time undergraduate: 609
Full-time graduate: 44

Full-time faculty (1985-1986): 37

Total income (1984-1985): $848,000

General operating fund income	('000)	
Government grants	$ 367	43.0%
Sub Total	$ 367	43.0%
Other funds income		
Ancillary enterprises	$ 9	1.0%
Special purpose and trust	57	7.0%
Sponsored research	9	1.0%
Plant	406	48.0%
Sub Total	$ 481	57.0%
TOTAL	$ 848	100%

History and Governance

Founded in 1926, St. Paul's College became an affiliated college of The University of Manitoba in 1931. In 1934 it came under Jesuit direction. After 27 years on a downtown site, the college moved into new buildings on the university campus in 1958. In 1968 it became more closely integrated with the university as a member college, and receives the major part of its financial support through the university budget. It is coeducational.

The college is under the direction of the members of the Corporation of St. Paul's College and is administered by a 12-member board of directors. There is no college senate but the college rector is an ex-officio member of The University of Manitoba senate. All degrees are granted by the University of Manitoba.

Buildings and Grounds

The college is located on the university campus in Winnipeg where it has five buildings. In addition to a library, the college offers such academic facilities as a theatre, study carrels, anthropology laboratories, and a language laboratory for the study of French and German. There are also student lounges, a cafeteria and recreation facilities.

Library

The college library houses a collection of about 60,000 volumes and maintains subscriptions to more than 150 periodicals, magazines and newspapers. In addition, because the college represents the Catholic presence on the campus, it acts as a depository of theological, philosophical and historical materials for the Catholic community in the metropolitan district.

Programs and Degrees

General bachelor's degrees require three (90 credits) or four (120 credits) years from senior matriculation and honours bachelor's degrees require four (120 credits) years from senior matriculation unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General, advanced and honours programs.
Master of arts (MA) At least two years from general BA or at least one year from honours BA in conjunction with The University of Manitoba.

Science

Bachelor of science (BSc) General program.

Continuing education

Summer school and evening courses offered in conjunction with The University of Manitoba.

Admission Requirements

All candidates for admission must meet general and specific requirements of The University of Manitoba. See separate chapter.

Costs

Same as for The University of Manitoba. See separate chapter.

Academic Year

Winter session: September to early May. Intersession: May to June. Summer session: early July to mid-August.

Grading System

Same as for The University of Manitoba. See separate chapter.

Student Aid

In addition to bursaries and scholarships offered by the college, St. Paul's students are eligible for the scholarships and bursaries available to students of the University of Manitoba. For further information contact the office of the Dean (204) 474-8577.

Student Life and Services

Through the St. Paul's Student Union, students elect their own council and carry on a wide range of college activities. All students are also members of The University of Manitoba Students' Union.

Student services at the college include a chapel, student counselling and a cafeteria. College students also have access to all university facilities and services.

The college does not have student residences. There are several residences on the campus of the university for which St. Paul's students are eligible.

Counselling services are available at the college. For information on medical services and student employment, see The University of Manitoba entry.

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*Ordinary member, AUCC. Affiliated to The University of Manitoba.

St. Thomas More College*

General Information

Address: 1437 College Drive, Saskatoon, Saskatchewan
S7N 0W6
Telephone: (306) 966-8900
Telex: 111

President: Rev. T.J. Hanrahan, csb, MA, LMS

For a complete list of St. Thomas More College faculty, see the college calendar of the University of Saskatchewan in the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Dean, T.B. Deutscher, BA, MA, PhD

High school liaison officer: Claude Lang, BA

Enrolment (1985-1986):
Full-time undergraduate: 1,058
Part-time undergraduate: 101

Full-time faculty (1985-1986): 32

Total income (1984-1985): $2,838,000

	('000)	
General operating fund income		
Government grants	$ 1,643	57.9%
Fees	1,080	38.1%
Miscellaneous	84	3.0%
Sub Total	$ 2,807	99.0%
Other funds income		
Ancillary enterprises	$ 20	0.7%
Plant	11	0.3%
Sub Total	$ 33	1.0%
TOTAL	$ 2,838	100%

History and Governance

St. Thomas More College was established and federated with the University of Saskatchewan in 1936 and teaching began that year. Its first graduates obtained degrees from the university in 1937. The college was incorporated by an act of the legislature of Saskatchewan in 1943 (amended in 1972). The first members of the corporation were Basilian Fathers.

The college is a coeducational, Catholic, Church-related institution offering, in cooperation with the college of arts and science, all programs leading to the BA, BFA, MMus and BSc degrees conferred by the University of Saskatchewan.

It is supported by provincial government grants, tuition fees, and contributed services of the clerical and religious members of its staff. Its professors are members of the staff of both the college and the university; they belong to the university faculty of arts and science and to the university council.

The institution is governed by a 13-member board of governors. The academic work of the college is controlled by the university senate, on which the college is represented by its president.

Buildings and Grounds

The college building is located on the university campus in northeast Saskatoon (population 154,000). It houses the Shannon library, an art gallery (with frequent exhibitions, chiefly by local artists), chapel, auditorium, student lounge, staff and student offices and a cafeteria. All buildings on campus are accessible to handicapped students.

Library

The Shannon library has about 36,000 volumes and special collections in Canadian church history and Christian social sciences as well as the personal collection of Christopher Dawson.

Programs and Degrees

General bachelor's degrees are three years from senior matriculation and advanced and honours bachelor's degrees are four years from senior matriculation unless otherwise specified.

Programs are expressed in terms of courses and credit units. Units of instruction are usually six and three-credit unit courses. A four-year degree program would require at least 120 credit units.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Associate in arts (AA) Two years from senior matriculation.
Bachelor of arts (BA) General, advanced and honours.

Fine arts

Bachelor of fine arts (BFA) Four years from senior matriculation.

Music

Bachelor of music (BMus) Four years from senior matriculation.
Bachelor of arts (BA) General, advanced and honours.

Science

Bachelor of science (BSc) General, advanced and honours.

Combined studies

Combined programs in arts and science and agriculture, commerce, dentistry, education, engineering, home economics, law, medicine, music or pharmacy enable student to obtain BA or BSc and the professional degree in less time than if the two courses were taken separately.

Special programs

Interdisciplinary: Programs offered in international studies, land use and environmental studies, linguistics, public administration, and regional urban development leading to BA and BSc degrees.

Continuing education

Evening, intersession, summer school and correspondence classes are offered in conjunction with the University of Saskatchewan.

Admission Requirements

Undergraduate

Same as for the University of Saskatchewan. See separate chapter.

Application Deadlines

Applications must be submitted by August 15.

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*Ordinary member, AUCC. Federated with the University of Saskatchewan.

Costs

Tuition: Same as for the University of Saskatchewan. See separate chapter.

Residence: See the entry for the University of Saskatchewan.

Academic Year

Winter session: early September to early May. Inter-session: mid-May to late June. Summer session: early July to mid-August.

Grading System

Same as for the University of Saskatchewan. See separate chapter.

Student Aid

The College has a program of entrance scholarships and its students are eligible to receive all scholarships, bursaries, prizes, and loans available to arts and science students at the University of Saskatchewan, including undergraduate and honours scholarships and other awards from private donors or from government sources. Students should contact the University of Saskatchewan Financial Aid office for more details.

Student Life and Services

All students belong to the St. Thomas More Students Association and to the University of Saskatchewan student union: The student body elects its own student council with a faculty advisor to administer student affairs. The student body is represented in College decision-making through membership on the College Corporation, the Board of Governors, the Faculty-Administrative Forum, and College Committees.

All students are eligible to participate in extensive recreation and intramural and extramural sports programs of the University of Saskatchewan. The Student Council of the college has representatives on the men's and women's athletic committees and intramural board which administer the various programs.

A variety of entertainment, cultural, and religious events are sponsored for and by the students. This is made possible through facilities such as an auditorium, cooperative cafeteria, and chapel. Under the direction of the director of student services, students are offered a typing service, a housing service and career counselling. Chaplaincy counselling is also available. Students have access to the University of Saskatchewan book store, student health centre, and professional student counselling services, and the Canada Employment Centre on campus.

St. Thomas University*

General Information

Address: P.O. Box 4569, Fredericton, New Brunswick
E3B 5G3
Telephone: (506) 452-7700

President: Reverend Msgr. G.W. Martin, BA, BTh, LLD

For a complete list of St. Thomas University faculty, see the St. Thomas calendar.

Enquiries: Direct general correspondence to the Registrar, L.A. Batt, BA, MA

High school liaison officer: Evelyn Sweezey, BA, BEd

Enrolment (1985-1986):
Full-time undergraduate: 1,235
Part-time undergraduate: 250

Full-time faculty (1985-1986): 76

Total income (1984-1985): $8,978,000

General operating fund income

	('000)	
Government grants	$ 3,813	42.4%
Fees	1,586	17.7%
Miscellaneous	42	0.5%
Sub Total	$ 5,441	60.6%
Other funds income		
Ancillary enterprises	$ 1,617	18.0%
Special purpose and trust	956	10.6%
Plant	964	10.7%
Sub Total	$ 3,537	39.3%
TOTAL	$ 8,978	100%

History and Governance

St. Thomas University traces its beginning to the 1860's when Bishop James Rogers instituted at Chatham, New Brunswick a house of studies in theology which he named St. Michael's College. In 1910, under Bishop Thomas Barry's patronage, the Basilian Fathers of Toronto assumed charge of St. Thomas College, Chatham, N.B., and provided education for boys at the secondary and junior college levels. In 1934 the college received a university charter and granted its first degrees in 1936. In 1960 the name was changed to St. Thomas University and the following year the high school course was terminated.

In 1962, as a result of a Royal Commission on Higher Education in New Brunswick, St. Thomas University entered into a federation agreement with the University of New Brunswick. In September, 1964 it moved to the campus of the University of New Brunswick where it shares library, maintenance, and other facilities and services.

The university grants undergraduate degrees in arts, education and social work, makes regulations governing student admission to courses leading to such degrees, and exercises control over its curriculum and finances. It holds in abeyance its other degree-granting powers.

St. Thomas University is a co-educational, Catholic institution open to students of all religious denominations. It is governed by a 25-member board of governors and a senate.

Buildings and Grounds

Located in New Brunswick's capital city, Fredericton (population 44,000), St. Thomas University is situated on the campus of the University of New Brunswick. There are three residence buildings on campus. Edmund Casey Hall, opened in 1968, houses classrooms, faculty offices, a language laboratory and a theatre. The administration building houses administrative offices, a chapel, a dining room, several classrooms and faculty offices. The academic and administration buildings are accessible for students using a wheelchair.

The Lady Beaverbrook Gymnasium provides courts for basketball, badminton and volleyball. It also contains a handball court, and recreational rooms for table tennis and other activities. A swimming pool and squash courts are located in the Lady Beaverbrook residence. Additional facilities are available in the Aitken University Centre and there are two athletic fields.

Library

The Harriet Irving Library, opened in 1967, has a collection of 773,402 printed volumes and 995,438 equivalent volumes of micro-materials. It is used by both St. Thomas University and the University of New Brunswick and houses microfilms of newspapers, periodicals, and rare books.

Special collections: Beaverbrook Collection.

Programs and Degrees

A six semester hour course constitutes one credit.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General and honours program, four years from grade 12, twenty credits. With permission, a student may accelerate degree program through summer courses.

Education

Bachelor of education (BEd) One year after first bachelor's degree consisting of five academic courses and extensive practical experience, for a total of seven credits. The program normally begins in early September and ends in first half of June. Intersession and summer session courses may be credited toward a BEd degree with prior permission from the chairman of the St. Thomas University education department.

Social work

Bachelor of social work (BSW) Four years from grade 12, twenty credits.

Certificate in social work (CSW) An extension program consisting of five full university courses.

Special programs

Interdisciplinary studies: Interdisciplinary studies are available through a major or honours course of study and consist of six third and fourth-year courses cutting across disciplinary lines but related by clear theme or unifying principle. The interdisciplinary honours scheme is the same as that of the interdisciplinary major with the addition of the general university requirement for honours programs.

Continuing education

Undergraduate classes in arts, social work and education

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offered in limited number of off-campus centres. Part-time students are encouraged to attend classes in regular arts and education courses offered in day and evening schedules.

Students admitted to the bachelor of laws program at the University of New Brunswick at the conclusion of their penultimate year of St. Thomas University BA program, may apply for a BA degree from St. Thomas University upon successful completion of the first year of law school.

Admission Requirements

Undergraduate

New Brunswick: Grade 12 college preparatory program with 60 per cent average.

Other provinces: Equivalent certificates from other provinces are: Nova Scotia, Prince Edward Island and Newfoundland, grade 12; Quebec, high school leaving examination results for seven subjects and 65 per cent average and secondary V diploma (CEGEP graduates may be admissible to second year with advanced standing in approved subjects); Ontario, grade 12 from five-year arts and science program only (Ontario grade 13 graduates may be accepted into second year with advanced credit in approved subjects); Manitoba, Saskatchewan, Alberta, British Columbia and Northwest Territories, grade 12.

Mature students

The university will consider for admission persons 21 years of age or over, who, through private study, reading, or involvement in business affairs, have educated themselves to the point where successful completion of a BA appears possible. Academic record, letters of recommendation and a personal interview are requested and the university may require the candidate to demonstrate ability by taking a university course in the summer session.

Senior citizens

Students 60 years of age and over are required to meet normal admission requirements or those of mature students.

Foreign students

Students whose mother tongue is not English must submit the official results of one of the recognized tests in the English language.

Generally a student must successfully complete an academic high school program and meet the requirements for admission to the first year arts program.

USA: High school record and CEEB scores. SAT minimum total of 1,000 (two scores) and three achievement tests (English, mathematics and one other) with minimum total of 1,500. Principal's confidential report and complete high school record required.

UK and Commonwealth: GCE 0-level passes (minimum grade C or 3) in English, mathematics and four academic options. Applicants with three appropriate A-level subjects (minimum grade C) may be granted credit for each subject at the first year level.

Application Deadlines

There is no closing date for receipt of applications.
Early applicants are given preference.

Costs (1985-1986)

Tuition: Full-time (three or more courses per semester) undergraduate tuition fees per year: arts and social work, $1,290, education $1,550. Part-time (less than three courses per semester), per full course $270; per half course, $135. Foreign students pay a $1,700 differential fee in addition to the regular tuition fees. Tuition fees are waived for students 60 years of age and over.

Residence: Room and board $3,200 (single); $2,580 (double).

Student fees: $45 (compulsory)

All fees subject to change without notice.

Academic Year

Winter session: early September to end of April.
Intersession: May-June. Summer school: July-August. St. Thomas also participates in the University of New Brunswick program for intersession and summer school.

Grading System

Final standing is indicated by letter grades. A+, 4.3; A, 4.0 (excellent); A—, 3.7; B+, 3.3; B, 3.0 (good); B—, 2.7; C+, 2.3; C, 2.0 (satisfactory); C—, 1.7; D, 1.0 (minimally acceptable); F, 0.0 (failure). A cumulative grade point average of 2.0 in all courses attempted is required for graduation. An annual grade point average of 2.0 in all courses attempted is required to stay in good standing.

Student Aid

The university awards a substantial number of entrance scholarships for new students. The value of these ranges from $600 to $3,500 per year and most are renewable. These scholarships are based on the candidates' academic record and in some cases financial need is taken into account. More information and forms are available from the awards officer. (506) 452-7700.

Student Life and Services

The Student Union is operated through the Student Representative Council whose offices are located in the student union building. Most organizations and student clubs on campus are funded by the union which in turn, is supported by a student fee.

There are a number of student clubs and activities on campus which invite student participation. These include the student paper, Aquinian, the year book Aquinas, the university band, The Thomists, the photography club, Photo Comm and the radio station CHSR.

Many of these activities take place in the Student Union Building which is operated jointly by the students of St. Thomas University and the University of New Brunswick. Athletic facilities are also available on campus.

Religious activities hold a prominent place in the life of the university. These include daily and Sunday masses, shared ministries, popular courses, workshops, and retreats.

St. Thomas has two men's residences and one women's residence accommodating 500 students. The accommodations officer provides resources and assistance to all students who prefer off-campus housing.

The campus health services provide a full-time medical director and nursing staff and two part-time staff physicians. A student medical insurance plan is in effect for all full-time students.

The counselling centre provides individual and group counselling of an academic or personal nature. Psychiatric counselling is done on a referral basis. Student counselling is also available through the offices of the registrar, the chaplain, the deans, the priests in residence, the director of student affairs, and the director of university relations.

Assistance to foreign students is provided by the International Student Advisor, Ms. Patricia Brooke. Telephone: (506) 453-4860.

Handicapped students should contact the Office of the Registrar for details about facilities and services. Telephone: (506) 452-7700.

A Canada Employment office assists students seeking part-time or permanent employment. It also operates a program of visits and interviews by representatives of potential employers. The director of university relations is responsible for the circulation of employment notices.

(SIFC) Saskatchewan Indian Federated College*

General Information

Address: SIFC - Regina Campus, 127 College West, University of Regina, Regina, Saskatchewan S4S 0A2
SIFC - Saskatoon Campus, 310 - 20th Street East, Saskatoon, Saskatchwan S7K 0A7
Telephone: Regina (306) 584-8333/8334
Toll Free: 1-800-667-8060
Telephone: Saskatoon (306) 934-2444

President: Oliver Brass, BA, MA, PhD

For a complete listing of Saskatchewan Indian Federated College faculty, see the SIFC calendar or the University of Regina entry in the *Commonwealth Universities Yearbook.*

Enquiries and high school liaison: Direct general correspondence to the Communications Officer, S. Rogers, BA, CertIndCommArts

Enrolment (1985-1986):
Full-time undergraduate: 450
Part-time undergraduate: 108

Full-time faculty (1985-1986): 26

Total income (1984-1985): $3,209,352

General operating fund income

	('000)	
Government grants	$ 1,059	33.0%
Fees	2,054	64.0%
Other	96	3.0%
TOTAL	$ 3,209	100%

History and Governance

The Saskatchewan Indian Federated College, under the jurisdiction of the Federation of Saskatchewan Indian Nations (F.S.I.N.), became federated with the University of Regina in May, 1976. In October, 1983, the College signed a Memorandum of Agreement with the University of Saskatchewan.

The SIFC is the only Indian controlled post-secondary institution in Canada. It is a bi-cultural, co-educational college that is open to students of all denominations, creeds and backgrounds.

The College is governed by its own Board of Governors consisting of 17 members. The Board of Governors of the SIFC - Saskatchewan Indian Federated College is the instrument of guidance for the College, ensuring control by the Indian Governments of Saskatchewan, the Federation of Saskatchewan Indian Nations. The Board is comprised of ten elected Chiefs and representatives and two Senators of the F.S.I.N. The two universities in Saskatchewan are also represented on the Board to provide assistance regarding College policies. The Federal and Provincial governments have memberships on the Board to provide the necessary background on government policies as they relate to education. Student representatives from the Regina and Saskatoon campuses ensure that student views are heard. Academic matters are controlled by the university senate on which the college is represented by its president. Degrees are conferred by the University of Regina. Professors of the College are members of the Faculties of Arts, Social Work, Education or Science of the University of Regina.

Buildings and Grounds

The SIFC is situated on the University of Regina campus and uses university buildings to house the library, student lounge and staff offices.

Library

The SIFC Library holds approximately 8,000 volumes of library material relative to courses taught at the college and its holdings are regarded as supplementary to the University of Regina resources.

Programs and Degrees

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) Three years from senior matriculation, honours four years.
Bachelor of arts (Advanced) (BA) Four years from senior matriculation.
Bachelor of arts in journalism and communications.
Certificate in visual arts Two years specified classes from senior matriculation.
Certificate in Indian communication arts (CertIndCommArts) Two years from senior matriculation.

Education

Bachelor of education - elementary (Indian) (BEd) Four years from senior matriculation.

Fine Arts

Bachelor of fine arts (BFA) Four years from senior matriculation.

Music

Bachelor of arts (BA) Three years from senior matriculation.
Bachelor of music (BMus) Four years from senior matriculation.
Bachelor of music education (BMusEd) Four years from senior matriculation.

Science

Bachelor of arts (BA) Ordinary program, three years from senior matriculation.
Honours program, four years from senior matriculation.
Bachelor of Science (BSc) Ordinary and Honours courses. Four years from senior matriculation.
Bachelor of laboratory technology (BLT) Three years from senior matriculation.
Certificate in laboratory technology (LT(Cert)) Two years from senior matriculation. Students wishing employment in a hospital laboratory must complete a twelve-month apprenticeship and write examinations set by Canadian Association of Laboratory Technologists.
Certificate in Indian health studies (CertIndHealth) Two years from senior matriculation.
Certificate Computer Science (CertCS) Two years from senior matriculation.

Social Work

Bachelor of Indian social work (BISW) Four years from senior matriculation.
Certificate in Indian social work (CISW) Two years from senior matriculation.

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* Provisional member, AUCC. Federated with the University of Regina.

Extension Programs

Evening, intersession and summer school classes and institutes are offered in conjunction with the University of Regina. The Band Welfare Administrators and Family Service Workers Training Program is available off-campus through the Department of Indian Social Work.

The Certificate in Administration in Indian Management and Administration is available on campus in Regina.

Off-campus classes and programs are offered upon request to Indian communities. Three full-time teacher training programs leading to the degree of Bachelor of Education - Elementary (Indian) are also offered off-campus.

Admission Requirements

Same as for the University of Regina. See separate chapter.

Costs (1985-1986)

Tuition: arts, education, science and social work, $141 per four hour credit class; $564 for one semester, $1,128 for two.

Student fees: $38.25 per year (compulsory).

All fees are subject to change without notice.

Academic Year

Fall semester: early September to end of December. Winter semester: January to end of April. Intersession: early May to late June. Summer session: early June to mid-August.

Grading System

Same as University of Regina. See separate entry.

Student Aid

Students of the college are eligible for all scholarships, bursaries, prizes and loans available to arts, education, science and social work students of the university and for other awards from private donors and government sources. The college offers $5,250 annually in scholarships and bursaries to its own students.

Treaty and Status Indian students are sponsored by the Department of Indian Affairs.

Student Services

The objective of SIFC Student Services is to help students realize educational success, and to assist students with the personal and social adjustments to an academic environment. Academic, career and social counselling and tutoring services in all subject areas are available. In keeping with the philosophy of bicultural education, Elders are available to counsel students. SIFC Athletics provides students with a number of recreational and competitive sports opportunities.

The University of Regina athletic facilities include the physical education centre which houses two gymnasia for basketball, volleyball, badminton and floor hockey. The centre also contains a teaching wing, study area, gymnastic area, and areas for fencing and judo. SIFC students participate in a full range of intramural and intercollegiate sports under the direction of the athletics coordinator of the college and the University of Regina.

International Agreements

SIFC has entered seven international agreements with indigenous peoples and institutions around the world, including: the Indigenous Institute of Temuco, the College of Ganado in Ganado, Arizona, the University of Inner Mongolia, the Central Institute of Nationalities (Beijing), the Chinghai Institute of the People's Republic of China, the Council of South American Indians (C.I.S.A.) and C.O.R.P.I. the organization of the First Nations of Central America. Designed to foster informational staff and student exchanges: the agreements provide access and opportunity to develop an awareness and appreciation for the broader socio-political and cultural context of Indigenous peoples on a global scale.

University of Saskatchewan*

General Information

Address: Saskatoon, Saskatchewan S7N 0W0
Telephone: (306) 244-4343
Cable: The University of Saskatchewan, Saskatoon, Saskatchewan
Telex: 074-2659

President and Vice-chancellor: L.F. Kristjanson, BA, MA, PhD, LLD

For a complete list of University of Saskatchewan faculty, see the Saskatchewan calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, Ken Smith, AB, MS, PhD

High school liaison officer: R.G. Cram, BA, MA

Enrolment (1985-1986):

Full-time undergraduate:	11,458
Part-time undergraduate:	3,942
Full-time graduate:	912
Part-time graduate:	421

Full-time faculty (1985-1986): 1,103

Total income (1984-1985): $191,043,000

General operating fund income

	('000)	
Government grants	$ 99,632	52.0%
Fees	14,443	8.0%
Miscellaneous	3,041	1.0%
Sub Total	$117,116	61.0%
Other funds income		
Ancillary enterprises	$ 12,378	6.0%
Special purpose and trust	26,381	14.0%
Sponsored research	22,293	12.0%
Plant	12,875	7.0%
Sub Total	$ 73,927	39.0%
TOTAL	$191,043	100%

History and Governance

The University of Saskatchewan was established by an act of the legislative assembly of Saskatchewan in 1907. Teaching began in 1909 and the first degree was awarded in 1912. Regina College, which was established in 1911, was taken over by the university as a constituent college in 1934. In 1961, the name of the college was changed to the University of Saskatchewan, Regina Campus. On July 1, 1964, the two teachers' colleges at Saskatoon and Regina became part of the university, and all teacher-training programs are now integrated within the university.

In 1967 a one-university two-campus structure was adopted with campuses located at Saskatoon and Regina. On July 1, 1974 separate acts were passed establishing two universities, the University of Saskatchewan located at Saskatoon, and the University of Regina located at Regina.

The University of Saskatchewan is provincial, non-denominational and co-educational. It is governed by a 12-member board of governors, a 57-member senate, and a general university council.

Buildings and Grounds

The university is located in Saskatoon (population, 172,000) and is situated on 1,033 hectares on the South Saskatchewan River. One hundred and forty-seven hectares comprise the campus and the rest are used for the university farm and experimental plots. In addition to academic buildings, a linear accelerator laboratory, a library, a physical education centre, the Rt. Hon. John G. Diefenbaker Centre, farm buildings, facilities for administration, a bookstore, food services and student activities, a faculty club, and student residences are provided on campus. One federated and three affiliated colleges also have buildings on the campus.

Also located on the campus are the university hospital, the animal resources centre, Veterinary Infectious Diseases Organization, the Prairie regional laboratory of the National Research Council, the Prairie Migratory Bird Research Centre of the Canadian Wildlife Service, the Canada department of agriculture research laboratory, Canada Agriculture Health of Animals Pathology laboratory, Proteins, Oils and Starches Pilot Plant, Regional Medical Centre of the Canadian Penitentiary Service, the Saskatchewan Research Council building, a PFRA building, the Cancer and Medical Research Institute building, and the St. Pius X Seminary. A research park (Innovation Place) is also on the campus. The university has under lease a 52-hectare site on Emma Lake.

The university also owns and operates three farms for research purposes primarily in the Colleges of Agriculture and Veterinary Medicine.

Libraries

The university library system consists of the main library and nine branches: education, law, health, science, veterinary medicine, engineering, geology, linear accelerator, physics and Thorvaldson. The collection size is 1,500,000 volumes.

Special collections: Shortt Library of Canadiana
Western Canadian history
P.A. Soroken collection.

The main library houses the local office of the Saskatchewan archives as well as the university archives.

Programs and Degrees

Bachelor's degrees require four years beyond senior matriculation unless otherwise specified. Master's degrees require at least one year from bachelor's degree unless otherwise specified. Doctorates require at least two years from master's degree unless otherwise specified. Some undergraduate programs have limited enrolment.

Programs are expressed in terms of courses and credit units. Units of instruction are usually six and three-credit unit courses. A four-year degree program would require at least 120 credit units.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Agriculture

Bachelor of science in agriculture (BSA)
Postgraduate diploma. At least one year from BSA.
Master of science (MSc) Approximately two years from bachelor's degree in agriculture.
Master of agriculture (MAgr) At least one year from bachelor's degree in agriculture.
Doctor of philosophy (PhD)

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* Ordinary member, AUCC

Arts

Associate in arts Two years beyond senior matriculation.

Bachelor of arts (BA) General program, three years beyond senior matriculation. Advanced level, four years from senior matriculation. Honours, four years from senior matriculation.

Postgraduate diploma At least one year from honours BA Approximately two years from an approved four-year degree.

Master of arts (MA)

Doctor of philosophy (PhD)

Commerce

Bachelor of commerce (BCom) General and honours programs, both four years from senior matriculation.

Associate Certificate in Indian Business Administration Two years beyond senior matriculation.

Master of science in accounting (MSc) At least one year from BCom.

Master of business administration (MBA) One year from BCom or two years from other approved four-year degree.

Dentistry

Doctor of dentistry (DMD) Five years following at least one year pre-dental university education.

Education

Bachelor of education (BEd) Four years from senior matriculation or one and one-half to two years for students with approved bachelor's degrees. One year for students with approved bachelor's degrees and teacher's certificate. Three years for graduates of teachers' college.

Certificate in post-secondary technical vocational education. One year beyond senior matriculation and credit equivalent to one year for approved occupational training and experience.

Postgraduate diploma in education or continuing education. At least one year from bachelor's degree.

Master of continuing education (MCEd) Approximately two years from an approved four-year degree.

Master of education (MEd) At least one year from BEd, or approved four-year degree and training in education.

Engineering

Bachelor of science in engineering (BE)

Postgraduate diploma. At least one year from BE.

Master of science (MSc) At least two years from BE.

Master of engineering (MEng) At least one year from BE.

Doctor of philosophy (PhD)

Fine arts

Bachelor of arts (BA) General program, three years from senior matriculation. Advanced level, four years from senior matriculation. Honours level, four years from senior matriculation.

Bachelor of fine arts (BFA)

Master of fine arts (MFA) Normally two years from BFA.

Home economics

Bachelor of science in home economics (BSHEc)

Master of science (MSc) At least one year from BSHEc.

Law

Bachelor of laws (LLB) Three years from second year beyond senior matriculation.

Master of laws (LLM) At least one year from LLB.

Medicine

Bachelor of science in medicine [Bsc(Med)] At least one year from first-year medicine.

Doctor of medicine (MD) Five years from one year science beyond senior matriculation. (A proposal is under consideration to change to a four-year medicine program from two years' science beyond senior matriculation.)

Master of science (MSc) At least one year from MD.

Doctor of philosophy (PhD)

Music

Bachelor of music (BMus)

Bachelor of music in music education [BMus(MusEd)]

Postgraduate diploma in music education. At least one year from BMus(MusEd).

Master of education (MEd) At least one year from approved four-year degree.

Nursing

Bachelor of science in nursing (BSN) Four years from senior matriculation or three years from approved school of nursing.

Master of science (MSc) At least one year from BSN. (Note: A proposal for a Master of Nursing (MN) is under consideration.)

Pharmacy

Bachelor of science in pharmacy (BSP)

Postgraduate diploma. At least one year from BSP.

Master of science (MSc) At least one year from BSP.

Doctor of philosophy (PhD)

Physical education

Associate certificate in physical education. Two years beyond senior matriculation.

Bachelor of science in physical education (BSPE) Four years from senior matriculation.

Postgraduate diploma. At least one year from BSPE.

Master of science (MSc) Approximately two years from BSPE or equivalent.

Doctor of philosophy (PhD)

Physical therapy

Bachelor of science in physical therapy [BSc(PT)] Three years from one-year pre-physical therapy university education.

Science

Bachelor of science (BSc) General program, three years from senior matriculation. Advanced and honours programs, four years from senior matriculation.

Postgraduate diploma. At least one year from honours BSc.

Master of science (MSc) At least one year from honours bachelor's degree in science.

Master of mathematics (MMath) At least one year from an approved four year degree.

Doctor of philosophy (PhD)

Theology

Programs offered by affiliated colleges.

Veterinary medicine

Doctor of veterinary medicine (DVM) Four years from second-year science or agriculture beyond senior matriculation.

Postgraduate diploma in veterinary medicine. One year (12 months) beyond DVM.

Master of veterinary science (MVetSc) At least one year from DVM.

Master of science (MSc) At least one year from DVM.

Doctor of philosophy (PhD)

Vocational agriculture

Diploma. Two years from senior matriculation. All students must have one season suitable farm experience.

Combined programs

Combined programs in some colleges enable students to obtain two degrees in less time than if two programs were taken separately.

Special programs

Indian Teacher Education Program (ITEP) provides teacher training for natives with emphasis on problems and interests of Indian communities. A full bachelor's degree program is available. (Contact: Director, Indian Teacher Education Program, Room 3024, College of Education, University of Saskatchewan, 966-7686.)

Northern Teacher Education Program (NORTEP) is an off-campus teacher training program designed to increase the number of native northern people qualified to serve as certified teachers in northern schools. (Contact: Director, NORTEP, Box 887, La Ronge, Saskatchewan, S0J 1L0. 465-3099.)

Saskatchewan Urban Native Teacher Education Program (SUNTEP) is a campus based program open to students who are sponsored by the Gabriel Dumont Institute of Native Studies and Applied Research. The objective is to ensure that Native people are adequately represented in urban teaching positions. (Contact: Coordinator, SUNTEP, Room 12 McLean Hall, University of Saskatchewan, 343-9595.)

Program of Legal Studies for Native People, a summer program designed to introduce native people to the study of law and to prepare them for formal studies in a Canadian law school. (Contact: Director, Program of Legal Studies for Native People, Diefenbaker Centre, University of Saskatchewan, 966-6189.)

Interdisciplinary: A number of interdisciplinary programs are offered within the college of arts and science. These include: international studies, land use and environmental studies, linguistics, public administration and regional and urban development.

Continuing education

Part-time Degree Programs

Independent study (correspondence) courses offered in a number of arts subjects. Evening undergraduate courses offered, mainly in arts, commerce and education with a limited number in other areas and a few at graduate level. Off-campus courses in arts and science, commerce and education offered during the regular session at a number of centres. Summer session and intersession courses in arts, commerce, science and education are offered for undergraduates proceeding to a degree and for teachers wishing to improve professional qualifications. A limited number of courses are available in other areas and some at the graduate level.

Non-Degree Programs

Four-year part-time certificate program in business administration. Two-year part-time independent study certificate program in hospital and health care administration. Short courses, seminars and numerous other educational events are available for adults in the areas of agricultural science, contemporary technology, women's studies, adult education and film and performing arts.

Admission Requirements

Undergraduate

Saskatchewan: Complete division IV standing (21 credits) or equivalent, with a minimum of 12 credits in Levels II and III and minimum average 65 per cent on seven approved subject credits as well as minimum average 65 per cent on required credits (depending on the college); minimum age, 16 years. All credits submitted must be in different subjects. Subjects numbered 21, 31, 24, 34, 26c, and 36c, are not acceptable. Special physical education, family life education, psychology, band, orchestra, choral subjects are acceptable only to certain colleges, i.e., special physical education for physical education. Many university courses have level three courses as prerequisites; students with required high school averages may be admissible with deficiency of one credit (in some colleges) but deficiencies must be cleared by attendance at summer session and in all cases must be cleared before entry into second year. Saskatchewan students who apply at least one year after completing high school and have completed grade 12 or division IV with between 60 per cent and 65 per cent average may be admissible.

Other provinces: Students must have standing equivalent to division IV with subjects approved for admission. British Columbia, Yukon, Alberta, Northwest Territories, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island: grade 12. Newfoundland: first year from Memorial or grade 12 (1984 forward). Ontario: grade 13. Quebec: first year of CEGEP.

Mature students

Candidates at least 21 years of age who are bona fide residents of Saskatchewan and cannot meet normal admission requirements may be admissible under the special (mature) admission program. Candidates may be interviewed before decision is made regarding admission.

Senior citizens

Candidates must have admission requirements, but tuition fees are waived for persons 65 years of age or over registering for six credit units at Intersession and Summer Session and less than 18 credit units during the Regular Session.

Graduate

Four-year baccalaureate from college or university of acceptable standing equivalent to the degree of University of Saskatchewan required for admission to proposed graduate program, or training equivalent to that required for such a degree. Applicants with general bachelor's degree obtained in three years study beyond senior matriculation or in four years following junior matriculation not eligible for admission. Applicants holding four-year general baccalaureate from University of Saskatchewan may be admitted if they have had sufficient specialization in chosen field to require less than a year of undergraduate courses to meet required level of specialization. Details are available from the dean of graduate studies and research. Previous scholastic record of applicants should show promise of ability to satisfactorily pursue advanced study and research. Those failing to meet requirements may be admitted if deficiencies can be rectified prior to, or parallel with, graduate courses.

Foreign students

Certificate equivalent to standing required for Canadian students.

UK and Commonwealth: GCE or HSC with five at 0-level and two or three at A-level.

India, Pakistan and Bangladesh: Bachelor's degree with first or second division.

France and Francophone Africa: Baccalaureate parts I and II.

South and Central America: First year standing in appropriate subjects from recognized institution of higher learning.

Asia: First year standing in appropriate subjects from recognized institution of higher learning.

USA: Successful completion of full academic high school program with subjects and average prescribed by faculty or college to which student is seeking admission. Grades 9 to 12 must be submitted.

Other: Applicants must present original documents covering present academic standing and should write the Registrar's Office for details.

Students submitting international baccalaureate will be considered for admission.

The University reserves the right to set quotas in any college and to grant priority for admission to residents of Saskatchewan.

Note: Certificates in a language other than English must be submitted in photostatic copies with notarized English translation. Applicants must present evidence of proficiency in oral and written English. This can be demonstrated either through completion of grades 10, 11 and 12 completed in Saskatchewan or at acceptable secondary institution or through satisfactory scores in Test of English as a Foreign Language (minimum 550) or equivalent level of proficiency on other English language test approved by the university. Applicants to graduate studies from universities where English is not the usual language of instruction must also provide proof of proficiency. This usually means taking one of the recognized tests administered by an organization such as the Educational Testing Service.

Application Deadlines

Regular Session: Applications for early admission should be submitted between April 15 and May 15. Applicants from outside Canada should apply by June 15. However, all applications to MD program and physical therapy program should be submitted by January 15; January 7 for DVM program; February 28 for DMD program; June 1 for special admission to courses beginning in September; March 15 for law and upper-year education; upper-year pharmacy, agriculture, home economics, engineering, nursing, and commerce transfers, May 28. Applications to all programs not indicated above, August 15; September 30 for school of agriculture.

Extra Sessions: Applications for Intersession should be submitted not later than May 5; June 17 for Summer Session.

Costs (1986-1987)

Application Fee: $20 for Saskatchewan residents, $30 for other first-time applicants.

Tuition: Full-time per year for first degree in agriculture, arts and science, commerce, education, home economics, medical science, nursing, physical education, physical therapy, $1,075. Engineering, graduate studies, law, pharmacy, $1,170. Dentistry, medicine and veterinary medicine, $1,590. Part-time per six credit unit course, $252. Audit fees are one-half the credit fee.

Student fees: Regular session, $59.50 per year; School of Agriculture, $48.85.

Residence: Room and board $2,723-$2,972 per academic year. McEown Park: unfurnished apartments, $290-$370 per month.

All fees subject to change without notice.

Academic Year

Regular session: September to April. Intersession: May-June. Summer session: July-August.

Grading System

A percentage system for reporting final grades will be implemented in September, 1986. 90-100% Exceptional; 80-89% Excellent; 70-79% Good; 60-69% Satisfactory; 50-59% Minimal Pass; less than 50% Failure.

Student Aid

The university has a program of scholarships and bursaries for entering students as well as undergraduate and graduate students. For details, consult the scholarship and awards bulletin available from the Registrar's Office.

Student Life and Services

The affairs of the students at the university are handled through the offices of the University of Saskatchewan Students' Union. Members of the students' union are elected annually by students on campus. Membership in the student union is compulsory for all full-time students. The union acts as a bargaining agent in student concerns within the university structure. Students are represented on the board of governors and the senate, attend faculty council meetings and participate in committees which govern the daily business of the university at the departmental, college and campus levels. The students' union has also lobbied outside the university on matters of concern to students.

The students' union sponsors several directorates, provides numerous student services and organizes a wide variety of activities. Among these are information and referral support, ombudsmen, and a volunteer resource centre.

There are, in addition, student societies in most of the colleges and schools, as well as a large number of clubs and organizations which focus on a particular activity or interest.

The Place Riel Campus Centre is the hub of student activities. The Lower Mall area houses office space for the Student Union, Alumni Affairs, Place Riel and for other campus organizations. There are also meeting rooms, lounge space, games rooms, banking facilities, a travel agency, print shop, etc. A campus pub is located in the Memorial Union Building and the Place Riel Theatre is located in the Arts Building.

The on-campus residences, administered by the university, accommodate approximately 570 students. Residents take their meals in Marquis Hall. The residence buildings contain lounges and other recreation rooms. In addition, McEown Park provides apartment accommodation and is located on university property about five blocks south of the campus. Unfurnished accommodation is available for married students with or without children, and single students on a sharing basis. Furnished units are also available to accommodate six students per unit.

The university housing registry prepares listings of off-campus accommodation available to students.

A student health centre is located on campus and is staffed by a number of health professionals including physicians, psychiatrists, a psychologist, a social worker and nurses. The centre is operational Monday through Friday. A physician will be on call at all times if medical help is required outside clinic hours and an emergency department is available at the university hospital. Students are responsible for registering under the Saskatchewan Hospital Services Plan. Once a student is registered under the provincial plan, coverage is free.

The student counselling service is available to all students on a voluntary basis, at no cost. Services are confidential and include personal counselling, orientation workshops, career testing and vocational counselling and personal skill development. Non-credit programs are offered in areas such as communication skills, study habits and sexuality. Counsellors work with students who are experiencing distress or emotional discomfort in a variety of areas. An international students' advisory service is also provided. Students with physical disabilities are encouraged to contact student counselling regarding services available including several forms of special assistance.

Students have the opportunity to participate in various competitive or non-competitive recreational activities. Participation can be at the club, intramural or intercollegiate-level. The University is a member of the Canada West University Athletic Association and is also affiliated with the Canadian Interuniversity Athletic Union.

The university bookstore supplies textbooks, instruments, and other materials required by students.

The Canadian Employment and Immigration Commission maintains an office near the campus to assist graduates and undergraduates seeking permanent, summer or part-time employment.

Campus Day Care Centre services are available to children, ages 2 to 5 years, whose parents are students, faculty or staff of the University although space is limited.

Bus service to the university is provided on several regular and special routes of the city transit system. A limited number of parking spaces are reserved for registered student vehicles.

Research Centres, Divisions and Institutes

Animal Resources Centre. Director: E.D. Olfert, BA, DVM, MSc

Centre for Co-operative Studies. Director: C.S. Axworthy, BA, LLM

Centre for Second Language Instruction. Director: R.V. Harris, BA

Crop Development Centre. Director: B.L. Harvey, BSA, MSc, PhD

Rt. Hon. John G. Diefenbaker Centre. Director: Sharon Mitchell, BA, BEd, MEd

Division of Biomedical Engineering. Chairman: K. Takaya, BEng, MSc, DE

Division of Control Engineering. Chairman: J.N. Wilson, BE, MSc, PhD

Division of Hydrology. Chairman: D.M. Gray, BSA, MSA, PhD

Institute of Space and Atmospheric Studies. Chairman: D.J. McEwen, BEd, BA, MA, PhD

Linear Accelerator Laboratory. Director: H.S. Caplan, BSc, PhD

Prairie Swine Centre. Executive Director: J.M. Bell, OC, BScA, MSc, PhD, FRSA, FAIC

Saskatchewan Institute of Pedology. Director: J.W.B. Stewart, BSc, BAgr, PhD

Saskatchewan Native Law Centre. Director: D. Purich, LLB

Sheep Industry Development and Extension Centre. Director: W.E. Howell, BSA, MSc, PhD

Toxicology Research Centre. Director: H.B. Schiefer, Dr. med. vet., PhD

Transportation Centre. Chairman: A.T. Bergan, BE, MSc, PhD

Affiliated Colleges

Central Pentecostal College, 1303 Jackson Avenue, Saskatoon, Saskatchewan S7H 2M9 Telephone, (306) 374-6655. Coeducational. Incorporated in Saskatchewan in 1962. It became affiliated with the University in 1983. Offers courses in theology leading to a diploma in theology, a certificate of lay ministries, a bachelor of theology and a master of divinity. President: Rev. J.H. Faught, BA, ThD

College of Emmanuel and St. Chad, 1337 College Drive, Saskatoon, Saskatchewan S7N 0W6 Telephone, (306) 343-1353. Anglican. Coeducational. Emmanuel College established 1879. St. Chad's College established 1907. The two amalgamated in 1964. Offers courses in theology leading to licentiate in theology, bachelor of theology, master of divinity and master of sacred theology awarded by the college. Also offers certain courses which may be taken for credit toward BA degree of the university. Principal: Rev. J. Russell Brown, BA, DD

Lutheran Theological Seminary, 114 Seminary Crescent, Saskatoon, Saskatchewan S7N 0X3 Telephone, (306) 343-8204. Coeducational. Established 1965, the seminary is successor of Lutheran College and Seminary and of Luther Theological Seminary. Offers courses in theology leading to a certificate in ministry, the bachelor of theology, the master of theological studies and the master of divinity awarded by the seminary. Graduate degree program leading to master of sacred theology also offered in conjunction with other affiliated theological colleges on campus. President: Rev. R.W. Nostbakken, BA, BD, MTh, PhD

St. Andrew's College, 1121 College Drive, Saskatoon, Saskatchewan S7N 0W3 Telephone, (306) 966-8970. United Church. Coeducational. Offers courses in theology leading to the bachelor of theology, degree of master of divinity, the master of theological studies and the master of sacred theology awarded by the college. Teaches certain courses which may be offered for credit toward BA degree of the university. President: Rev. W.R. Adamson, BA, BD, STM, ThD, EdM

St. Peter's College, Muenster, Saskatchewan S0K 2Y0 Telephone, (306) 682-5431. Roman Catholic (Benedictine). Established 1924. Junior college offering courses for first-year university studies beyond senior matriculation in arts and science, and commerce. Also offers some upper-year courses in arts and education. Principal: Rev. Maurice R. Weber, osb, BA, MSc, STL

Federated College

St. Thomas More College, Saskatoon, Saskatchewan. See separate chapter.

Université de Sherbrooke*

Renseignements généraux

Adresse: Cité universitaire, boulevard de l'Université,
Sherbrooke (Québec) J1K 2R1
Téléphone: (819) 821-7680
Télex: Bibuniv SHB 05836149

Recteur: A. Cabana, BSc, MSc, PhD

Pour la liste complète des membres du corps professoral de l'Université de Sherbrooke, prière de vous reporter à l'annuaire de l'Université de Sherbrooke ou au *Commonwealth Universities Yearbook*.

Demandes de renseignements: Prière d'adresser la correspondance d'ordre général au registraire, J. Delisle, BA, BScA, Dr.Ing

Adjoints à l'admission: Michel Laval, Pierre Cabana

Inscriptions (1985-1986):

1er cycle à temps plein:	7,224
1er cycle à temps partiel:	3,895
2e et 3e cycles à temps plein:	1,278

Professeurs à temps plein (1985-1986): 563

Revenu total (1984-1985): $101,635,874

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 67,232	66.1%
Frais de scolarité	5,752	5.7%
Divers	1,907	1.9%
Total partiel	$ 74,891	73.7%
Revenus d'autres sources		
Entreprises auxiliaires	$ 2,314	2.3%
Recherche commanditée	20,820	20.4%
Installations	3,611	3.6%
Total partiel	$ 26,745	26.3%
TOTAL	$101,636	100%

Historique et statuts

L'Université de Sherbrooke fut établie par une loi de la législature québécoise sanctionnée le 5 mars 1954. Par la suite, des amendements ont été apportés par une loi sanctionnée le 23 juin 1978. L'université jouit également d'une charte canonique émise par la sacrée congrégation des séminaires et des universités le 21 novembre 1957.

La direction de l'université est confiée à un Conseil d'administration de vingt-deux membres. Les questions concernant les grades, le cycle des études et les cours sont soumises au Conseil universitaire.

Terrains et bâtiments

A l'exception de sa faculté de médecine située sur le campus de l'est, au sein du centre hospitalier universitaire, l'Université de Sherbrooke occupe un terrain de 850 acres aux limites sud-ouest de la ville de Sherbrooke. Y sont situés six pavillons d'enseignement, un centre social, une cafétéria, des résidences, quatre bibliothèques, un auditorium, un centre sportif, un gymnase et des terrains d'athlétisme.

Bibliothèques

La bibliothèque compte quelque 800,000 documents imprimés et 230,000 microcopies, répartis entre quatre établissements: la Bibliothèque générale, ainsi que les bibliothèques de droit, des sciences et de médecine. La bibliothèque opère également une vidéothèque et une cartothèque.

Programmes et grades

A moins d'indication contraire, l'obtention d'un baccalauréat requiert six sessions (90 crédits) d'études après le DEC ou une formation équivalente, la maîtrise exige au moins trois sessions d'études (45 crédits) après le baccalauréat et le doctorat demande au moins six sessions d'études (90 crédits) après l'obtention de la maîtrise. Le certificat et le diplôme sont des programmes généralement offerts à temps partiel et qui comportent 30 crédits.

Le crédit représente 45 heures consacrées par l'étudiant à une activité pédagogique (cours, stage, recherche) en incluant dans chaque cas, s'il y a lieu, le nombre moyen d'heures de travail personnel nécessaire suivant l'estimation de l'Université.

Le régime d'études à plein temps comporte normalement 15 crédits par session.

Administration

Certificat d'administration générale
Certificat de comptabilité de gestion
Certificat de comptabilité financière
Certificat de comptabilité professionnelle
Certificat de gestion des ressources humaines
Certificat de gestion du marketing
Baccalauréat en administration des affaires (BAA)
Diplôme en administration
Maîtrise en administration (MSc) Quatre sessions.
Maîtrise en administration des affaires (MBA) Quatre sessions d'études et trois stages.
Maîtrise en fiscalité (MFisc)

Droit

Baccalauréat en droit (LLB)
Diplôme de droit notarial. Deux sessions consécutives.
Maîtrise en droit de la santé (LLM)

Éducation

Certificat d'applications éducatives de l'ordinateur
Certificat d'aptitude pédagogique à l'enseignement secondaire (CAPES) Deux sessions.
Certificat de didactique des moyens d'expression
Certificat de perfectionnement en enseignement au collégial
Certificat de perfectionnement en enseignement du français au primaire
Certificat de psycho-éducation
Baccalauréat en adaptation scolaire (BEd)
Baccalauréat en enseignement préscolaire et primaire (BEd)
Baccalauréat en information scolaire et professionnelle (BEd)
Baccalauréat en psycho-éducation (BEd)
Diplôme d'enseignement au préscolaire et au primaire
Diplôme d'enseignement professionnel
Diplôme de formation en éducation des adultes
Maîtrise en administration scolaire (MEd)
Maîtrise en enseignement au préscolaire et au primaire (MEd)

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* Membre ordinaire de l'AUCC

Maîtrise en orientation (MEd)
Maîtrise en orthopédagogie (MEd)
Maîtrise en psycho-éducation (MEd)
Maîtrise en sciences de l'éducation (MA)

Éducation physique et sportive
Certificat d'activité physique
Baccalauréat en activité physique (BSc)
Diplôme d'intervention en activité physique
Maîtrise en kinanthropologie (MSc)

Génie
Baccalauréat en génie chimique (BIng) Huit sessions d'études ou huit sessions d'études et quatre stages.
Baccalauréat en génie civil (BIng) Huit sessions d'études ou huit sessions d'études et quatre stages.
Baccalauréat en génie électrique (BIng) Huit sessions d'études ou huit sessions d'études et quatre stages.
Baccalauréat en génie mécanique (BIng) Huit sessions d'études ou huit sessions d'études et quatre stages.
Maîtrise en environnement (MEnv) Quatre sessions.
Maîtrise en génie chimique (MScA)
Maîtrise en génie civil (MScA)
Maîtrise en génie électrique (MScA)
Maîtrise en génie mécanique (MScA)
Maîtrise en ingénierie (MIng) Trois sessions d'études et deux stages.
Doctorat en génie chimique (PhD)
Doctorat en génie civil (PhD)
Doctorat en génie électrique (PhD)
Doctorat en génie mécanique (PhD)

Lettres et sciences humaines
Certificat d'aptitude à l'enseignement de l'anglais, langue seconde
Certificat de langues modernes
Certificat de psychologie des relations humaines
Certificat de service social
Baccalauréat en économique (BA) Six sessions d'études et trois stages.
Baccalauréat en études anglaises (BA)
Baccalauréat en études françaises (BA) Six sessions ou six sessions d'études et trois stages.
Baccalauréat en géographie (BSc)
Baccalauréat en histoire (BA)
Baccalauréat en philosophie (BA)
Baccalauréat en psychologie (BA)
Baccalauréat en service social (BServSoc)
Baccalauréat général (BA)
Diplôme de psychologie des relations humaines
Maîtrise en coopération (MA)
Maîtrise en économique (MA)
Maîtrise en études françaises (MA)
Maîtrise en géographie (MSc)
Maîtrise en histoire (MA)
Maîtrise en littérature canadienne comparée (MA)
Maîtrise en philosophie (MA)
Maîtrise en psychologie des relations humaines (MPs)
Maîtrise en service social (MServSoc) Trois à six sessions intensives.
Doctorat en études françaises (PhD)
Doctorat en littérature canadienne comparée (PhD)

Médecine
Certificat d'évaluation et de promotion de la santé
Certificat de gestion d'unité de soins
Baccalauréat en sciences infirmières (BSc)
Medicinae doctor (MD) Neuf sessions.
Diplôme de santé communautaire
Maîtrise dans la discipline appropriée (MSc)
Doctorat dans la discipline appropriée (PhD)

Sciences
Baccalauréat en biochimie (BSc)
Baccalauréat en biologie (BSc)
Baccalauréat en chimie (BSc) Six sessions ou six sessions d'études et trois stages.
Baccalauréat en informatique (BSc) Six sessions d'études et quatre stages
Baccalauréat en informatique de gestion (BSc) Six sessions d'études et quatre stages.
Baccalauréat en mathématiques (BSc) Six sessions ou six sessions d'études et quatre stages.
Baccalauréat en physique (BSc) Six sessions ou six sessions d'études et trois stages.
Maîtrise en biologie (MSc)
Maîtrise en chimie (MSc)
Maîtrise en environnement (MEnv) Quatre sessions.
Maîtrise en mathématiques (MSc)
Maîtrise en physique (MSc)
Doctorat en biologie (PhD)
Doctorat en chimie (PhD)
Doctorat en mathématiques (PhD)
Doctorat en physique (PhD)

Théologie
Certificat de culture religieuse
Baccalauréat en théologie (BTh)
Maîtrise en enseignement religieux (MA)
Maîtrise en pastorale (MA)
Maîtrise en sciences humaines des religions (MA)
Maîtrise en théologie (MA)

Direction générale de l'éducation permanente

Certificat d'expression artistique
Certificat de gérontologie
Certificat multidisciplinaire
Certificat de santé et sécurité du travail
Certificat de toxicomanie

Conditions d'admission

1^er^ cycle

Québec: Les candidats doivent posséder le DEC (diplôme d'études collégiales) ou l'équivalent.

Autres provinces: Les dossiers des candidats seront évalués en comparaison avec les conditions d'admission exigées des étudiants du Québec. Prière de s'adresser au Bureau du registraire pour obtenir de plus amples renseignements.

2^e^ et 3^e^ cycles

Les candidats doivent, en plus de manifester de nettes aptitudes pour les études supérieures, être titulaires du grade préalablement requis ou de l'équivalent.

Étudiants adultes

Peuvent être admises à titre de candidat adulte les personnes qui ont passé au moins deux années sur le marché du travail et dont l'expérience est jugée équivalente au DEC.

Étudiants étrangers

Les dossiers de ces candidats seront évalués en comparaison avec les conditions d'admission exigées des étudiants du Québec.

Autre: En général les candidats qui ont complété avec succès un programme de baccalauréat international sont admissibles.

Demandes et délais

Les candidats aux études du 1er cycle doivent soumettre leur demande d'admission avant le 1er mars pour le trimestre d'automne et avant le 1er novembre pour le trimestre d'hiver. Les candidats aux études des 2e et 3e cycles doivent présenter leur demande d'admission au moins deux mois avant le début d'un trimestre.

Note: Étant donné que l'université est francophone, les cours se donnent en langue française et les candidats doivent posséder une connaissance suffisante de cette langue pour l'admission à l'une ou l'autre des facultés.

Frais (1986-1987)

Inscription à temps complet: $300 par trimestre, comprenant $65 de frais afférents donnant accès aux services aux étudiants pour les deux premiers trimestres d'inscription de l'année universitaire et $235 sans frais afférents, dans le cas d'une inscription à un troisième trimestre dans la même année universitaire. Inscription à temps partiel: $25 le crédit, comprenant $5 de frais afférents donnant accès à certains services aux étudiants. Inscription en rédaction: $15 par trimestre, n'incluant pas de frais afférents. Inscription à des activités pédagogiques supplémentaires: $20 le crédit, n'incluant pas de frais afférents.

Étudiants étrangers: $2,900 par trimestre pour les étudiants inscrits à plein temps, ou $195 par crédit (et par trimestre) pour les étudiants à temps partiel; $175 par trimestre pour les étudiants inscrits en résidence-recherche, rédaction de mémoire ou de thèse; $2,900 pour l'année scolaire, pour les internes et résidents en médecine.

Maison des étudiants, logement: $96 à $110 par mois.

Tous les droits sont sujets à changement sans préavis.

Année universitaire

Le trimestre d'automne comprend les mois de septembre à décembre, celui d'hiver les mois de janvier à avril et celui d'été les mois de mai à août. A l'été, on offre souvent les cours sur des demi-trimestres: mai-juin et juillet-août.

Système de notation

L'université a adopté officiellement le système des cinq lettres: A, excellent; B, très bien; C, bien; D, passable; E, échec; R, réussite; W, échec pour abandon. Ce système est assorti d'un mode de contrôle par la moyenne cumulative.

Aide aux étudiants

On peut obtenir les informations à ce chapitre en adressant sa demande comme suit: Service de l'aide financière à l'étudiant, Université de Sherbrooke.

Services aux étudiants

La cité universitaire est le foyer de nombreuses activités contribuant à la culture ou à la détente des étudiants: concerts, conférences, théâtres, cinéma et autres. De plus, reconnaissant l'importance du secteur de la vie étudiante, l'université a voulu lui donner des cadres qui favorisent son développement. Ces cadres comprennent une commission consultative, une direction et les services suivants: aide financière, logement, pastorale, placement, psychologie et orientation, santé, sports. Parmi les services commerciaux, on compte: une librairie, un coiffeur et un magasin co-op.

L'université peut accueillir dans ses résidences près de 1,500 étudiants et étudiantes. En outre, le service de logement tient à jour des listes de chambres et d'appartements disponibles aux étudiants et fournit des renseignements utiles sur ces logements.

Centres de recherche

Centre d'études de la Renaissance. Directeur: J. Martinez De Bujanda, D.3e cycle

Centre de recherche en chimie bio-organique. Directeur: Pierre Deslongchamps, BSc, PhD

Centre de recherche en communication de Sherbrooke. Directeur: Sarto Morissette, BEng, MSIng

Centre de recherche en physique du solide. Directeur: (à être désigné)

Centre de recherche sur les mécanismes de sécrétion. Directeur: Adrien Beaudoin, BSc, DSc

Groupe CRM sur les sciences biomédicales des radiations. Directeur: Etienne Lebel, MD, BSc, CSPQ

Institut d'aménagement. Directeur: Jean-Marie Dubois, LèsL, MA

Institut de recherche et d'enseignement pour les coopératives. Directeur: Bernard Chaput, LPh, MA

Programme de recherche sur l'amiante de l'Université de Sherbrooke. Directeur: Carmel Jolicoeur, BSc, PhD

Société de Microélectronique industrielle de Sherbrooke, Inc. Directeur: Adrien Leroux, BScA, MScA

Simon Fraser University*

General Information

Address: Burnaby, British Columbia V5A 1S6
Telephone: (604) 291-3111
Cable: Burmount
Telex: 0453449

President and Vice-chancellor: W.G. Saywell, BA, MA, PhD

For a complete list of Simon Fraser University faculty, see the Simon Fraser University calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Office of the Registrar.

Director, admissions: Nick Heath, BA, MA

Enrolment (1985-1986):

Full-time undergraduate:	6,186
Part-time undergraduate:	7,486
Full-time graduate:	1,067
Part-time graduate:	483

Full-time faculty (1985-1986): 484

Total income (1984-1985): $96,824,000

General operating fund income

	('000)	
Government grants	$ 65,310	67.5%
Fees	12,030	12.4%
Miscellaneous	1,129	1.1%
Sub Total	$ 78,469	81.0%
Other funds income		
Ancillary enterprises	$ 5,123	5.3%
Special purpose and trust	1,942	2.0%
Sponsored research	8,001	8.3%
Plant	3,289	3.4%
Sub Total	$ 18,355	19.0%
TOTAL	$ 96,824	100%

History and Governance

Simon Fraser University was established in 1963 by an act of the legislative assembly of British Columbia. Simon Fraser University is a provincial, non-denominational, coeducational institution and is governed by a 15-member board of governors and a senate.

Buildings and Grounds

The campus is situated on a 1,200-acre site on Burnaby Mountain, 15 km. east of the centre of Vancouver. The population of greater Vancouver is 1,356,000. Buildings include the academic quadrangle, the W.A.C. Bennett Library, the Gordon M. Shrum Centre for the basic and applied sciences, classroom complex, multi-purpose building, centre for the arts, administration building, university centre building, the gymnasium, student residences and the theatre.

Library

The library holdings consist of over 700,000 books, approximately 14,000 serials; with other information materials the total is more than one and a half million items. Reference service to patrons increasingly emphasizes computer based information services. Implementation is proceeding with the GEAC integrated library system which will provide bibliographic access to the collection through terminals on-site or at a distance.

The main emphasis of the Collection is in the Social Sciences. *Special collections:* Contemporary Literature Collection
Wordsworth Collection
An extensive map collection, now over 70,000 sheets, has been formed in conjunction with the department of geography, and a wide range of Canadian, American and overseas newspapers has been assembled.
The library has a braille typewriter and a magnifier for use by students with visual impairments.

Programs and Degrees

Simon Fraser University operates on a trimester system. Each semester is 16 weeks in length. Unless otherwise specified, general bachelor's degrees require 120 semester hours over eight semesters and honours bachelor's degrees require 132 semester hours over eight semesters. Semester hours are weights assigned to each course. A normal course load for a full-time student in a semester is 15 semester hours.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA)
Bachelor of arts(honours) [BA(Hons)]
Master of arts (MA) Minimum 30 semester hours following bachelor's degree with high second-class standing or equivalent.
Doctor of philosophy (PhD) Number of courses and semester hours vary subject to the department.

Business administration

Bachelor of business administration (BBA)
Bachelor of business administration (honours) [BBA(Hons)]
Executive Master of business administration program (MBA). A six-semester evening study program involving 12 courses and a research project.
Master of business administration program (MBA). A daytime program; minimum 40 semester hours following a bachelor's degree in business administration.

Communication studies

Bachelor of arts (BA)
Master of arts in communication studies [MA(Communication Studies)] Minimum 20 hours of graduate work with at least B grades plus an original thesis or project.
Doctor of Philosophy (PhD)

Computing science

Bachelor of arts (BA)
Bachelor of science (BSc)
Master of science (MSc)
Doctor of Philosophy (PhD)

Criminology

Bachelor of arts (BA)
Master of arts [MA(Criminology)]
Doctor of Philosophy (PhD)

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* Ordinary member, AUCC

Education

Bachelor of education (BEd) General degree requires minimum 150 semester hours usually taking 10 semesters, including the three-semester professional development program.

Bachelor of education (honours) [BEd(Hons)] Honours degree requires minimum 162 semester hours usually taking 10 semesters, including the professional development program.

Master of arts (education) [MA(Ed)], Master of education (MEd) and Master of science (education) [MSc(Ed)] Minimum three semesters (30 semester hours) following BA or BSc with high second-class standing or equivalent, or BEd.

Doctor of Philosophy (PhD)

Engineering Science

Bachelor of Applied Science (BASc). Minimum 160 semester hours, with a Graduation G.P.A. of 3.0, which may be completed in four years (eight semesters).

Master of Engineering (MEng)

Master of Applied Science (MASc). Minimum of 30 semester hours, following a Bachelor's degree, in theoretical engineering, computer science, or a related area with a grade point average of at least 3.0.

General studies

Bachelor of general studies (BGS) A non-specialist degree program in the arts, science, education, and interdisciplinary studies.

Kinesiology

Bachelor of science (kinesiology) [BSc(Kinesiology)]

Bachelor of science (kinesiology) (honours) [Bsc(Kinesiology)(Hons)]

Master of science (kinesiology) [MSc(Kinesiology)] Minimum 18 semester hours and a thesis.

Doctor of philosophy (PhD) Minimum six semester hours beyond MSc(Kinesiology) plus two seminars and thesis.

Natural resources

Master of resources management (MRM) For individuals with experience in public agencies or private organizations dealing with resources, and for recent graduates in various disciplines related to natural resources management. Four semesters.

Science

Bachelor of science (BSc)

Bachelor of science (honours) [BSc(Hons)]

Master of science (MSc) Minimum 30 semester hours, consisting of various combinations of course work and thesis according to departmental requirements.

Master of science in geography (MSc) Minimum of 20 semester hours and a thesis.

Master of pest management (MPM) Not fewer than 44 credit hours, comprehensive examination at end of program and any additional courses deemed necessary by the supervisory committee.

Doctor of philosophy (PhD) Number of courses and semester hours vary depending on the department.

Special programs

Cooperative programs: Cooperative education programs are currently offered in biological sciences, chartered accountancy, chemistry/biochemistry/chemical physics, computing science, engineering science, kinesiology, management and systems science, mathematics, and physics. These programs combine work experience with academic studies.

Continuing education

Intersession: May and June. Summer session: July and August. Seven-week programs, maximum credit 10 semester hours, directed toward completion of degree requirements or upgrading of teaching certificates for teachers or graduates of the professional development program or both at Simon Fraser University.

Evening studies: Evening classes in undergraduate programs (spring, summer and fall semesters) provide opportunities for students to complete degree requirements in a number of fields. Normal admission and registration procedures apply. The university offers students the opportunity to complete degrees at other centres within the province, including the Downtown Centre in Vancouver.

Correspondence courses: Distance education courses (correspondence) are available in most disciplines.

Diploma programs: criminology, environmental toxicology, ethnic relations, gerontology, humanities, public history.

Certificate programs: British Columbia studies, criminology (general and advanced), French Canadian studies, French language proficiency, health and fitness studies, public history, certificate programs for senior citizens.

Extended studies: Extended studies diploma program offers persons who hold an undergraduate degree an opportunity to design and pursue a recognized program of study that is not generally provided by the conventional graduate degree. A diploma program may be arranged in any discipline on an individual basis.

Community education: Programs are designed to serve particular community and adult learning needs. Curriculum development is largely community-based, in contrast to discipline-based regular credit programs.

For information on extension programs, contact the Office of Continuing Education, (604) 291-4565.

Admission Requirements

Undergraduate

British Columbia: Secondary school graduation as of 1987 or later. Requirements are graduation from either the combined studies program or the selected studies program (any option). Required courses must include: algebra 11; language 11; science 11; English 12; and three academic subjects selected from the arts and science list as approved by the BC Ministry of Education: algebra 12, English literature 12, geography 12, geology 12, geometry 12, history 12, language(s) 12, probability and statistics 12, science(s) 12, and Western civilization 12. The average on English 12 and the three additional academic grade 12 level subjects must be C+ or higher.

Students admitted on transfer from BC regional colleges with credit for approved courses. Special provision made for entry after grade 11.

Other provinces: Completion of highest level of secondary school in home province with 65 per cent average. No student admitted from grade 11. Quebec applicants must have graduated from an acceptable CEGEP program and may be given credit for second-year CEGEP. Credit given on a course-by-course basis for subjects comparable to those taught at Simon Fraser. Students should include mathematics, English and at least two other academic subjects in their final secondary year.

Mature students

Applicants must be at least 23 years of age. Must: a) have been born in BC; b) have resided in BC for six months prior to the proposed date of entry to SFU; or c) have resided in BC for a total of five years at some time. The admissions board must be satisfied that the applicant has clear objectives and is likely to profit from university studies. Applicants must submit a statement of intent outlining reasons for applying. An interview will normally be required.

Senior citizens
Students 60 years of age and over must meet normal admission requirements or those outlined for mature students.

Graduate
Students must normally have completed a bachelor's degree with high second class standing or its equivalent. Applications and enquiries should be directed to the chairman of the department concerned, and students should apply three months in advance of the semester in which they wish to register.

Language of Instruction
Students whose native language is not English must provide evidence of a knowledge of English sufficient to pursue university studies successfully. Such students are required to take the Test of English as a Foreign Language (TOEFL) before applying. A score of 570 or higher is required. In addition, such students must take a diagnostic Test of English Language Proficiency administered only in the Vancouver area. Depending upon the results of the test, students may be required to register in remedial English courses in their first semester.

Foreign students
Applicants must possess standing equivalent to normal requirements for Canadian students. Applicants who have not completed the highest level of high school in their home country will not be admitted.

A quota is in effect, limiting new foreign student admissions to no more than 7% of all admissions. Specific entry quotas are also in place for Business Administration, Computing Science, and other related programs. Foreign students will be selected according to their previous academic performance. Application must be received at least three months prior to the semester of intended entry.

UK and Commonwealth: GCE in five subjects with at least three at A-level.

USA: Grade 12 graduation and 30 semester hour (45 quarter hour) credits in acceptable subjects in first year at an accredited university or college or very strong performance at high school level. CEEB scores recommended.

France: Baccalauréat (deuxième partie).

Germany and Austria: Reifezeugnis.

Other: Applicants submitting the international baccalaureate will be considered for admission.

Costs (1986-1987)

Tuition: Undergraduate students registered in one or more credit courses will be assessed a tuition fee of $45 per semester hour. Document evaluation fee $25 (an evaluation fee for non-BC documents). Graduate: MA $626 each for first three semesters, $135 for each subsequent semester on campus; PhD $626 each for first five or eight semesters, $135 for each subsequent semester on campus; MBA $1,071 for each regular semester, $135 for each subsequent semester on campus.

A registration fee of $1 per semester is charged to senior students.

Fees range from $640 per person, per semester for dormitories to $367 per month for a two-bedroom apartment.

Residence: Subject to change at time of printing.

Student activity fee: $26 per semester for all students or $13 for three credits or less. The fee is waived for senior citizens.

All fees subject to change without notice.

Academic Year

Spring semester: January to April. Summer semester: May to August. Fall semester: September to December.

Grading System

A, B, C, CC: Course challenge; P: pass, ungraded; AU: Audit; CR: credit without grade; D: passing grades; F: failure; N: did not write; DE: deferred examination granted; AE: aegrotat, compassionate pass. Plus '+' and minus '—' qualifiers may be applied to the following grades: A,B,C for undergraduate courses only.

Student Aid

Undergraduate students are eligible for scholarships, awards and bursaries which are given on the recommendation of a senate committee on scholarships, awards and bursaries. Decisions of the committee when announced are final. The administration of the Financial Aid program is handled by the Director of Financial Aid.

Loans are available through the Canada Student Loan/ B.C. Government Provincial Loan program. Details may be obtained from the Financial Aid Office. Telephone: (604) 291-4137.

Graduate students may receive scholarships awarded by the university, and scholarships and fellowships awarded by other institutions and associations. Graduate teaching assistantships are available; details can be obtained from the dean of graduate studies. Eligible applicants may also receive financial assistance under the Canada Student Loans Plan.

Student Life and Services

The Student Society represents all undergraduate and graduate students. Student Forum is the grass roots representative body composed of five executive members elected at large, and one elected representative from each of the 25 departmental student unions. Students also have elected representatives on the university senate and board of governors. The Student Society Ombudsoffice acts as a liaison between students and administration to insure that students' rights are observed.

A variety of services and activities are available to students at the university. These include intercollegiate sports, intramural activities and several sport and recreational clubs. The Student Society provides a wide range of low/no cost advocacy and consumer services ranging from a legal clinic, women's centre, a cable FM radio station and campus newspaper, to a film series, postal services and a bookstore. Funding for student unions and clubs is also provided. Banking facilities, bookstores, food services and a university centre are also available to students. The latter provides limited food services and lounge facilities including live entertainment.

Madge Hogarth House provides single-room accommodation for 65 women while Shell House, a coeducational dormitory, accommodates 160 students in 20 double and 120 single rooms. Louis Riel apartment residence contains 210 suites. A new co-educational dormitory building opening in September 1986 will accommodate 200 students in single rooms.

The university also has a listing service for various types of accommodation within commuting distance of the campus.

Student services include an orientation service, academic advice centre, audio-visual centre, health service, counselling service, day care centres, chaplains, cafeterias, athletic and recreational facilities, and a Canada Employment Centre.

A resource person is available to acquaint disabled students with facilities available to them at the university. For further information students should contact Mrs. E. Lennox, Student Services. (604) 291-4170.

Transportation facilities include a regular bus service and students with cars will find parking areas.

Day care facilities are available for children three months to five years old. Services are also provided for school children up to ten years old. For further information, telephone (604) 291-4569.

The Centre for the Arts offers courses and activities in the fine and performing arts. Besides offering credit courses, the centre provides opportunities for students and others in the community to attend and participate in artistic activities. A series of non-credit workshops is open to students and others for a modest fee and provides instruction, practice and some performance opportunities in individual art forms. The centre presents films and public lectures as well as numerous professional artists and groups in performance throughout the year. Many of these events are related to work in credit courses and most are held in the Simon Fraser University Theatre or Images Theatre.

The Alumni Association includes in its membership graduates of the university and students who have completed the professional development program in education.

Research Institutes

Bamfield Marine Station. Contact: Dr. G.H. Green, BA, PhD

Centre for Economic Research. Director: H. Grubel, BA, PhD

Centre for Pest Management. Director: J.P.M. Mackauer, Dr phil nat

Chemical Ecology Research Group. Director: J. Borden, BSc, MSc

Criminology Research Centre. Director: R. Corrado, BA, MA

Energy Research Institute. Director: S.R. Morrison, BA, MA, PhD

Gerontology Centre. Director. G. Gutman, BA, MA, PhD

Historical Records Institute. Director: D. Cole, AB, MA, PhD

Institute for Business Studies. Director: C. LeBon, BA, MCom, PhD

Institute for Human Performance. Director: E. Banister, BSc, MPE, PhD

Institute for Quaternary Research. Director: A. Roberts, BA, MA, PhD

Institute for the Humanities. Director: J. Zaslove, BA, PhD

Institute for Studies in Criminal Justice Policy. Director: J.W. Ekstedt, BSc, MA, PhD

Institute of Fisheries Analysis. Director: P. Copes, BA, MA, PhD

Institute of International Development. Director: A.M. Somjee, MA, PhD

Instructional Psychology Research Group. Director: P. Winne, BSEd, MSEd, PhD

Laboratory for Computer and Communications Research. Director: T. Kameda, BS, MS, PhD

Northern Conference Resource Centre. Director: C.T. Griffiths, BA, MA, PhD

Psychology and Law Institute. Director: Dr. H. Stevens, BA, MA, PhD

Theoretical Science Institute. Director: R. Enns, BSc, PhD

Tri-university Meson Facility (TRIUMF). Contact: T. Calvert, BSc(Eng.), MSEE, PhD

The University of Sudbury*

Le texte français se trouve à la suite/French version follows

General Information

Address: Ramsey Lake Road, Sudbury, Ontario P3E 2C6
Telephone: (705) 673-5661
Cable: University of Sudbury, Sudbury, Ontario

President: L. Larouche, sj, BA, LPh, LTh, MSc, DSc

For a complete list of the University of Sudbury faculty, see the Laurentian University of Sudbury chapter in the *Commonwealth Universities Yearbook.*

Enquiries and high school liaison: Direct general inquiries to the Registrar, Ronald Perron, sj, BA, LPh, LTh, MEd

Enrolment (1985-1986): Enrolment data added with Laurentian University.

Full-time faculty (1985-1986): 16

Total income (1985-1986): $1,747,000

General operating fund income	('000)	
Government grants	$ 866	49.6%
Fees	212	12.1%
Gifts	220	12.6%
Miscellaneous	43	2.5%
Sub Total	$ 1,341	76.8%
Other funds income		
Ancillary enterprises	$ 348	19.9%
Special purpose and trust	45	2.6%
Sponsored research	13	0.7%
Sub Total	$ 406	23.2%
TOTAL	$ 1,747	100%

History and Governance

The University of Sudbury was founded by the Jesuits in 1913 under the name Collège du Sacré Coeur. In 1914, the Ontario legislature granted the college a charter empowering it to award degrees in arts, in sciences, and in other branches of learning. For many years the Collège du Sacré Coeur served the French community of Northern Ontario, awarding degrees in arts in affiliation first with the University of Ottawa and later with Université Laval. In 1957, the name of the college was changed to the University of Sudbury and it began to award degrees in its own right. When Laurentian University was established in 1960, the University of Sudbury was one of the founding members of the federation. With the establishment of Laurentian, the University of Sudbury agreed to hold its own degree-granting powers in abeyance except in the field of theology. Within the federation it is a Catholic church-related college, under the direction of the Jesuit Fathers.

As a federated college of Laurentian, the University of Sudbury has accepted to be bound in many matters by the decisions of the Laurentian University senate and board of governors. Its own senate and board make decisions with respect to those areas in which the college retains its independence and also make recommendations to the governing bodies of Laurentian.

The University of Sudbury is governed by a 20-member board of Regents and an 11-member Senate.

Buildings and Grounds

The University of Sudbury is situated on land adjacent to the Laurentian Campus overlooking Ramsey and Nepahwin Lakes. Two buildings have been erected on the campus: Canisius Hall and the L. Matte Residence. Both buildings are accessible to disabled students. Administration offices, classrooms, chapel and Jesuit residence are located in Canisius Hall.

Library

The library contains 35,428 volumes in the field of religious studies, philosophy, folklore, and native studies, as well as 162 titles of periodicals, most of which are related to these four subjects. In stocking the library, an effort is made to supplement rather than to duplicate materials present elsewhere on the Laurentian campus.

Programs and Degrees

For detailed information on programs, see **Degrees and Diplomas** chapter.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

Arts

Bachelor of arts (BA) General program, three years (90 credits) from senior matriculation. Honours program, four years (120 credits) from senior matriculation.

Continuing education

The University of Sudbury, in cooperation with Laurentian University, offers courses during the evening both on campus and in many outside centres in Northern Ontario. Similarly, an intersession and summer session program of courses is available.

Correspondence courses: Some courses in folklore, native studies, philosophy and religious studies are also offered by correspondence.

The native studies department offers a program of studies to inmates in federal and provincial penitentiaries.

Admission Requirements

Same as for the Laurentian University. See separate entry.

Costs (1986-1987)

Tuition: Fees are equivalent to those of Laurentian University. See separate entry.

Residence: $1,400 (double room) and $1,635 (single room).

All fees are subject to change without notice.

Academic Year

Winter session: mid-September to late April. Summer session: a six-week day session from early July to mid-August and an evening intersession from mid-April to end of June.

Grading System

See Laurentian University entry.

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*Ordinary member, AUCC. Federated with the Laurentian University of Sudbury.

Student Aid

In addition to the scholarships and bursaries made available to Laurentian students (including OSAP), several financial awards are made available specifically to students of the University of Sudbury. Deadline for submission of applications for all bursaries and scholarships is October 1st of the academic year for which the student applies. Scholarships are awarded on the sole basis of academic achievement while bursaries are awarded on the combined basis of academic achievement and financial need. Further information and application forms may be obtained from the registrar.

Student Life and Services

Students registered at the University of Sudbury are represented at Laurentian through the Students' General Association and l'Association des étudiants francophones. The University of Sudbury also has its own student council and residence council. In addition to representation on Laurentian administrative and academic bodies, students at the University of Sudbury also sit on the board of regents, the senate, the library committee, the faculty affairs committee, and the scholarship committee of the college.

The Lucien Matte residence offers accommodation to 165 men and women in single and double rooms. Kitchen privileges and laundry facilities are available.

Students of the University of Sudbury are also students of Laurentian University and enjoy all of the services made available by that institution. (For details, see separate entry). The services of the Canada Employment Centre at Laurentian are equally available to students of the University of Sudbury. Students at the University of Sudbury purchase books through the Laurentian University bookstore.

Students at Laurentian University are welcome to attend the Roman Catholic religious services which are offered in both English and French under the auspices of the university parish at the University of Sudbury. Academic counselling is provided by the Registrar.

The college endeavours to create an atmosphere in which both day and resident students will feel welcome to seek academic and personal guidance from faculty.

A bus service connects the college with downtown Sudbury, and parking is available for students and faculty.

Research Centres

Franco-Ontarian Folklore Centre. Director: G. Lemieux, MA, PhD, sj

L'Université de Sudbury*

Renseignements généraux

Adresse: Chemin du lac Ramsey, Sudbury (Ontario) P3E 2C6
Téléphone: (705) 673-5661
Cable: Université de Sudbury, Sudbury (Ontario)

Recteur: L. Larouche, sj, BA, LPh, LTh, MSc, DSc

On trouvera une liste complète des professeurs de l'Université de Sudbury au chapitre du *Commonwealth Universities Yearbook* concernant l'Université Laurentienne de Sudbury.
Demandes de renseignements et agent de liaison, écoles secondaires: Prière d'adresser la correspondance générale au secrétaire général, Ronald Perron, sj, BA, LPh, LTh, MEd
Inscriptions (1985-1986): Données sur les inscriptions ajoutées à celles de l'Université Laurentienne

Professeurs à plein temps (1985-1986): 16

Revenu total (1985-1986): $1,747,000

Budget total de fonctionnement

	('000)	
Subventions du gouvernement	$ 866	49.6%
Frais de scolarité	212	12.1%
Dons	220	12.6%
Divers	43	2.5%
Total partiel	$ 1,341	76.8%
Revenus d'autres sources		
Entreprises auxiliaires	$ 348	19.9%
Fonds à destinations spéciales et fiducies	45	2.6%
Recherche commanditée	13	.7%
Total partiel	$ 406	23.2%
TOTAL	$ 1,747	100%

Historique et statuts

L'Université de Sudbury a été fondée par les Pères Jésuites en 1913, sous le nom de Collège du Sacré-Coeur. En 1914, l'Assemblée législative de l'Ontario accordait au collège une charte l'autorisant à octroyer des grades en arts, en sciences et en d'autres branches du savoir. Durant plusieurs années le Collège du Sacré-Coeur est demeuré au service de la collectivité francophone du nord de l'Ontario, conférant des grades en arts grâce à une affiliation, d'abord avec l'Université d'Ottawa et plus tard avec l'Université Laval. En 1957, le nom du collège a été changé en celui d'Université de Sudbury. C'est alors que cette dernière a commencé à octroyer ses propres grades. A l'établissement de l'Université Laurentienne, en 1960, l'Université de Sudbury fut l'une des institutions fondatrices de la fédération. A ce moment-là, l'Université de Sudbury a accepté de laisser en suspens son pouvoir d'octroyer des grades excepté en théologie. L'Université de Sudbury est le collège catholique romain, au sein de la fédération. Elle est dirigée par les Pères Jésuites.

A titre de collège fédéré de l'Université Laurentienne, l'Université de Sudbury a accepté, dans plusieurs domaines, d'être liée par les décisions du sénat et du bureau des gouverneurs de cette université. Son propre conseil et son sénat prennent les décisions relatives aux secteurs dans lesquels elle a conservé son indépendance; ils font aussi des recommandations aux conseils d'administration de l'Université Laurentienne.

L'Université de Sudbury est régie par un conseil de 20 régents et un sénat de 11 membres.

Bâtiments et terrains

L'Université de Sudbury est située sur un terrain adjacent au campus de la Laurentienne ayant vue sur les lacs Ramsey et Nepahwin. Deux édifices ont été construits sur le campus: le pavillon Canisius et la résidence L. Matte. L'accès à ces deux édifices convient aux personnes handicapées. Les bureaux de l'administration, les salles de cours, la chapelle et la résidence des Jésuites sont situés dans le pavillon Canisius.

Bibliothèque

La bibliothèque contient 35,428 volumes consacrés surtout aux sciences religieuses, à la philosophie, au folklore et aux études amérindiennes, ainsi que 162 titres de périodiques dont la plupart se rapportent à ces quatre domaines. Le choix des volumes est fait de façon à ajouter à la collection des autres bibliothèques du campus de la Laurentienne plutôt qu'à faire double emploi avec cette matière.

Programmes et grades

On trouvera les détails sur les programmes au chapitre intitulé **Grades et Diplômes.**

Trois crédits représentent d'ordinaire trois heures de cours par semaine pendant un trimestre. Six crédits équivalent habituellement à trois heures de cours par semaine pendant deux trimestres ou à six heures de cours par semaine pendant un trimestre. Il arrive qu'on accorde des crédits supplémentaires pour les travaux en laboratoire ou pour un cours particulièrement exigeant.

Arts

Baccalauréat ès arts (BA) Programme général, trois ans (90 crédits) après la 13^e année. Programme spécialisé, quatre ans (120 crédits) après la 13^e année.

Éducation permanente

L'Université de Sudbury, en coopération avec l'Université Laurentienne, offre des cours du soir à l'université même et dans plusieurs centres du nord de l'Ontario. Des cours sont offerts également en intersession et durant l'été.

Cours par correspondance: Certains cours en folklore, en études amérindiennes, en philosophie et en sciences religieuses sont aussi offerts par correspondance.

Le département d'études amérindiennes offre un programme d'études spécial pour les détenus des pénitenciers provinciaux et fédéraux.

Conditions d'admission

Elles sont les mêmes qu'à l'Université Laurentienne. Voir ce chapitre.

Frais (1986-1987)

Droits de scolarité: Correspondent à ceux de l'Université Laurentienne. Voir ce chapitre.

Résidence: $1,400 (chambre à deux lits) et $1,635 (chambre à un lit).

Tous les droits sont sujets à changement sans préavis.

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*Membre ordinaire de l'AUCC. Fédérée avec l'Université Laurentienne de Sudbury.

Année universitaire

Session d'hiver: de la mi-septembre à la fin d'avril.
Session d'été: une session de jour de six semaines, du début de juillet à la mi-août et une intersession du soir, de la mi-avril à la fin juin.

Système de notation

Voir le chapitre de l'Université Laurentienne.

Aide aux étudiants

En plus des diverses bourses accessibles aux étudiants de l'Université Laurentienne (dont l'OSAP), plusieurs bourses sont offertes spécialement aux étudiants de l'Université de Sudbury. La date limite pour la présentation de demandes de bourses d'aide financière ou de bourses d'études au mérite est le 1^{er} octobre de l'année universitaire pour laquelle la demande est faite. Les bourses d'études au mérite sont octroyées selon le seul critère de mérite scolaire. Les bourses d'aide financière sont octroyées selon une base de mérite scolaire et de besoins financiers. Des informations supplémentaires et des formulaires de demande sont disponibles au secrétariat général.

Vie étudiante et services aux étudiants

Les étudiants inscrits à l'Université de Sudbury sont représentés à la Laurentienne par la Students' General Association et l'Association des étudiants francophones. L'Université de Sudbury a aussi son propre Conseil des étudiants et son conseil de résidence. En plus d'être représentés dans les organismes universitaires et administratifs de l'Université Laurentienne, les étudiants de l'Université de Sudbury sont représentés au conseil des régents, au sénat, au comité de la bibliothèque, au comité des affaires professorales et au comité des bourses du collège.

La résidence Lucien Matte offre le logement à 165 étudiants et étudiantes dans des chambres à un lit ou des chambres à deux lits. Une cuisine et des buanderettes sont à la disposition des occupants.

Les étudiants de l'Université de Sudbury sont également inscrits à la Laurentienne et bénéficient de tous les services disponibles dans cette institution. (Pour détails, voir le chapitre de l'Université Laurentienne de Sudbury). Les services du Centre d'emploi du Canada, à l'Université Laurentienne, sont également à la disposition des étudiants de l'Université de Sudbury. Les étudiants de l'Université de Sudbury achètent leurs livres par l'intermédiaire de la librairie de l'Université Laurentienne.

Les étudiants de l'Université Laurentienne peuvent assister aux services liturgiques offerts en français et en anglais par la paroisse universitaire catholique romaine, à l'Université de Sudbury. On peut s'adresser au secrétaire général pour des conseils de nature pédagogique.

Le collège s'efforce de créer une atmosphère où les étudiants, externes et pensionnaires, peuvent librement consulter les conseillers pour leurs affaires universitaires ou personnelles.

Un service d'autobus relie le collège au quartier des affaires de Sudbury et des parcs de stationnement sont à la disposition des étudiants et des professeurs.

Centres de recherche

Centre franco-ontarien de folklore. Directeur: G. Lemieux, MA, PhD, sj

Technical University of Nova Scotia*

General Information

Address: P.O. Box 1000, Halifax, Nova Scotia
B3J 2X4
Telephone: (902) 429-8300
Telex: (TUNS) 019-21566

President: J.C. Callaghan, BA, BEng, MSc, LLD

For a complete list of Technical University of Nova Scotia faculty, see the college calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar's office.

Enrolment (1985-1986):

Full-time undergraduate:	861
Part-time undergraduate:	35
Full-time graduate:	192
Part-time graduate:	109

Full-time faculty (1985-1986): 113

Total income (1984-1985): $20,576,000

General operating fund income

	('000)	
Government grants	$ 11,708	56.9%
Fees	1,766	8.6%
Gifts	757	3.7%
Miscellaneous	131	0.6%
Sub Total	$ 14,362	69.8%
Other funds income		
Ancillary enterprises	$ 1,056	5.1%
Special purpose and trust	136	0.7%
Sponsored research	4,617	22.4%
Plant	405	2.0%
Sub Total	$ 6,214	30.2%
TOTAL	$ 20,576	100%

History and Governance

The Nova Scotia Technical College was created by an act of the provincial legislature in 1907. Teaching began in 1909, and the first degrees were awarded in 1910. In 1947 the act of 1907 was repealed and replaced by two new acts which separated engineering education and secondary technical education and provided for the establishment of graduate studies. In June of 1980, the college was renamed Technical University of Nova Scotia.

The university is non-denominational and coeducational. It is governed by a 31-member board of governors. A senate and faculties are responsible for academic policy.

Buildings and Grounds

The university is located on an 18-acre site in downtown Halifax, the provincial capital (metropolitan population 267,000). There are 11 buildings containing classrooms, laboratories, a computer centre, research facilities in all departments, the administration, a gymnasium, a common room, the library and a student residence.

Library

The library contains over 70,000 volumes and over 1,200 periodical subscriptions. It also contains some 75,000 microfiche, 2,000 rolls of microfilm and a number of audio and videotapes including the equipment to service this multi-media collection.

Programs and Degrees

For architecture programs, a full credit normally represents one course for one term. This includes six hours of student time, one and a half hours lecture and the remaining time for laboratory work. Design courses take considerably more time.

Engineering and computer science programs normally require two terms of 14 weeks per term. During this time students must complete six courses per term. One course usually represents five hours of student time per week (three hours lecture, two hours in laboratories or vice versa).

For detailed information on programs, see **Degrees and Diplomas** chapter.

Architecture

The professional program in architecture is four years in length following two years of study in another university in any degree program. An intermediate non-professional degree, Bachelor of Environmental Design Studies (BEDS), is awarded after five terms of study and one fourteen-week mandatory work period; the first professional degree, Master of Architecture, is awarded after three additional terms of study and a twenty-eight week work period. A post-professional Master of Architecture degree is also awarded following a minimum of one year of study from the first professional degree. The Master of Urban and Rural Planning degree (MURP) is awarded after two years of study following transfer from a recognised university with appropriate credits.

Engineering

Bachelor of engineering (BEng) Three years after transfer with diploma or certificate from an associated university. Applicants from other universities considered on an individual basis.
Master of engineering (MEng) Course work program. At least one year from BEng.
Master of applied science (MASc) Research program. At least one year from BEng or science degree.
Master of applied science (MASc) Naval architecture and marine engineering. Research program. Twenty months full-time or equivalent part-time from BEng or science degree.
Master of Science (engineering mathematics) At least three academic terms from bachelor's degree in engineering, engineering physics, or mathematics. Part-time studies also available.
Master of science (food science) At least one year full-time work from BEng or BSc degree.
Bachelor of engineering/Master of applied science (BEng/MASc) Cooperative study program leading to a degree in metallurgical engineering. Eight study terms, four work terms, after transfer with diploma or certificate from an associated university.

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*Ordinary member, AUCC

Doctor of philosophy (PhD) At least two years from MEng or three years from BEng; at least two years from MSc in Food Science.

Computer Science
Bachelor of computer science (BCompSci) The last two years of a four-year program.
Master of Computer Science (MCompSci) At least one year program with a thesis option or project option following completion of four year undergraduate program in computer science.

Continuing education
The division offers short courses, seminars, special lectures, specialist courses, workshops, etc. Courses can be given on-campus or off-campus. It is possible to take courses for credit under the continuing education program. Continuing education units will be assigned to some offerings as a measure of achievement.

Admission Requirements

Undergraduate

Canadian and foreign students: For admission to the faculty of architecture, at least two years of successful study in a degree program at a recognized university or equivalent institution is required; a university letter of recommendation and a portfolio are also required, as well as a university course in mathematics (unless the applicant sits for an entrance exam).

Candidates seeking admission to the engineering program must have a certificate or diploma in engineering (two-year program) from an associated university: Acadia, Saint Mary's, Dalhousie, University of Prince Edward Island, Mount Allison, Nova Scotia Agricultural College, Saint Francis Xavier, University College of Cape Breton. Students who have completed equivalent studies at other universities may apply.

Graduate

Canadian and foreign students: Admission into the first-professional Master of Architecture degree program from BEDS requires a GPA of 2.5 and approval from an Admissions Committee. Admission to the post-professional MArch degree is open to applicants who already hold a professional degree in architecture. Admission to the Master of Urban and Rural Planning program is restricted to applicants of high scholastic standing who have: architecture or engineering degrees; professional degrees in fields related to planning; BEDS degrees from TUNS; honours degrees in economics, sociology, geography, political science, biology, or established fields in the social and physical sciences related to planning; graduate degrees or diplomas in the fields of business and public administration.

For admission to master of engineering, course work program, an undergraduate degree in engineering with high scholastic standing from a recognized university.

For admission to Master of applied science, research program, an undergraduate degree in engineering with high scholastic standing or a degree in science with honours from a recognized university.

Admission to the Master of science (engineering mathematics) program is restricted to candidates with high standing in one of the following undergraduate degree programs: mathematics; physics; engineering physics; or engineering. Applicants must have an aptitude for applied mathematics and have taken two full mathematics courses during year three of university.

For admission to the Master of science (food science) program, a BSc degree from a recognized university in one of the following disciplines: food science; dairy science; chemistry/biochemistry; microbiology; nutrition or home economics with suitable background; or undergraduate degree in engineering from a recognized university.

Bachelor of engineering/Master of Applied Science in metallurgical engineering. A certificate or diploma in engineering from an associated university is required. Applicants should have an average of 70 per cent in their last three university terms.

Senior citizens

Senior students are expected to meet normal admission requirements.

Application Deadlines

All applications for undergraduate programs must be received by July 2, but applications will be considered after that date.

NOTE: As a condition of registration, all students must provide proof of adequate health insurance coverage.

Costs (1986-1987)

Tuition: Full-time undergraduate (enrolled in three or more courses): $756 per term. Full-time graduate: $252 per credit (courses and thesis). Foreign students: a fee of $1,500 for continuing students and $1,700 for students entering new program is added to the above tuition fees. Undergraduate: $189 per course. Part time graduate: $252 per credit.

Residence: Room and board $1,725 (double), $1,895 (single) per fall term; $1,632 (double), $1,802 (single) per winter term; Room $475 (double), $585 (single) per summer term.

Student fees: $60.

All fees subject to change without notice.

Academic Year

Architecture (BEDS): Co-op One (three study terms), September to August; Co-op Two, September to August (two study terms, one work term).
Architecture (MArch, first professional degree): Co-op Three, September to August (one study term, a double work term of twenty-eight weeks);Co-op Four, September to April (two study terms). Post-professional MArch and MURP: twelve months with normal commencement in September.
Undergraduate engineering: September to May with two terms. Graduate studies, engineering and computer science: twelve months with normal commencement in September.

Grading System

Standing is graded in each engineering and computer science subject as follows: A (80-100) 4.0 GPA; B (70-79) 3.0 GPA; C (60-69) 2.0 GPA; D (40-59) 1.0 GPA; F (0-39) 0 GPA

Student Aid

Canadian citizens and permanent residents of one-year's residence who intend to remain in Canada after graduation are eligible to apply to the Canada Student Loans Plan. Residents of Quebec should apply to the Quebec student assistance scheme. Undergraduate students may apply for several industrial scholarships to the amount of tuition fees, or more, following registration.

Most major graduate fellowships in appropriate fields are tenable at the university. Grants-in-aid of research to professors are available from various sources for support of students. A limited number of teaching assistantships are awarded after registration.

Student Life and Services

The objectives of the Students' Society are to provide an approved and recognized form of student government, and to enable members to plan, direct, and participate in extra curricular activities. Sports and major social events are organized by the society. The society functions through an Architectural Undergraduate Society and an Engineering Undergraduate Society. An executive committee, which includes representatives of the AUS and the EUS, forms a Student Council. General meetings of the society are held twice during the university year. Graduate students are members of the society.

The students have representation on the College Board of Governors, with two members elected by and from the students.

Student branches of faculty counsellors are established for many Canadian and international societies and institutes associated with the profession of engineering. The Architectural Undergraduate Society organizes talks, film and slide showings, and social events. Programs are run throughout the year to provide opportunities to meet members of the professions and the general public.

Foreign students are welcomed by various ethnic societies organized outside of the university. Foreign students should make themselves known to the Dean of Student Services, telephone: (902) 429-8300 ext. 2157.

The university maintains an involvement in international development through its International Programs Office. For information contact the Director at (902) 429-8300.

The university residence, M.M. O'Brien Hall accommodates 122 students. A listing of off-campus housing is also maintained.

Medical and hospital services are provided free of charge in accordance with provincial health insurance plans.

For students not covered under a provincial plan, health insurance may be obtained.

A Canada Employment Centre maintains a full-time student placement office on the campus and offers assistance to graduating, postgraduate and undergraduate students.

Research Institutes

Applied Microelectronics Institute. Director: D. Pincock, MSc, PhD

Atlantic Industrial Research Institute. Director: G.P. Wilson, BEng, MSc

Canadian Institute of Fisheries Technology. Director: E.G. Bligh, MSc, PhD

Centre for Energy Studies. Director: G.D.M. MacKay, BEng, MEng, PhD

Centre for Water Resources Studies. Director: D.H. Waller, BEng, DIC, PhD

Computer-Aided Design Centre. Director: A.A. Mufti, BEng, MEng, PhD

Vehicle Safety Research Team. Co-ordinator: C.H. Miller, BEng, MASc, PhD

University of Toronto*

General Information

Address: Toronto, Ontario M5S 1A1
Telephone: (416) 978-2011

President: G.E. Connell, BA, PhD, FRSC

For a complete list of University of Toronto faculty, see the University of Toronto calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Vice-president and Provost, J.E. Foley, BA, PhD

Enrolment (1985-1986):

Full-time undergraduate:	28,878
Part-time undergraduate:	13,057
Full-time graduate:	5,394
Part-time graduate:	3,878

Full-time faculty (1985-1986): 3,600

Total income (1984-1985): $550,666,000

General operating fund income	('000)	
Government grants	$268,880	49.0%
Fees	61,683	11.2%
Miscellaneous	24,992	4.5%
Sub Total	$355,555	64.7%
Other funds income		
Ancillary enterprises	$ 46,901	8.5%
Special purpose and trust	37,630	6.8%
Sponsored research	96,920	17.6%
Plant	13,660	2.4%
Sub Total	$195,111	35.3%
TOTAL	$550,666	100%

History and Governance

The University of Toronto was founded in 1827 by royal charter as King's College at York in Upper Canada, in close connection with the Church of England and designated The Provincial University. In 1843 instruction began at King's College and the first degrees were granted in 1844. In 1849, the college was secularized, its connection with the Church of England removed, and it was renamed the University of Toronto. In 1851 the Church of England founded the University of Trinity College. Some other denominations had already established colleges. Victoria University had been founded by the Methodists in 1836 and the Basilian order had established The University of St. Michael's College in 1852. In 1853, University College was established and given the entire work of instruction while the university itself became a legislative and examining body only. In the early 1880's, representatives of the other three colleges entered into negotiations for federation, which was embodied in an act of the Ontario legislature in 1887. The University of Toronto Act of 1906 laid the foundation of the constitution of the university until 1971.

The 1968-1971 examination by the university of its governmental structure resulted in the University of Toronto Act of 1971 which repealed all previous acts relating to the university. The act was amended in 1978.

The University of Toronto is under provincial control and is coeducational and non-denominational. The university is federated with the Universities of Victoria, Trinity and St. Michael's Colleges. Federation is confined to the faculty of arts and science in the university. Present authority is that of the University of Toronto Act of 1971 which provides for the government of the university by a unicameral body known as The Governing Council.

Buildings and Grounds

The St. George Campus of the university is in downtown metropolitan Toronto (population 2,189,180). Four of the city's principal north-south arteries bound or cut through this campus. The Scarborough Campus is 33km to the east and the Erindale Campus is 33km to the west of the main campus. Other university properties include the faculty of dentistry building in the downtown hospital district, the university survey camp and the David Dunlap Observatory.

There are special facilities for teaching, clinical investigation and medical research in the medical sciences building, the Banting Institute, the C.H. Best Institute and in the eleven affiliated teaching hospitals. In addition to well-equipped departments embracing most areas of research, the university maintains a series of research centres. Besides the David Dunlap Observatory for research in astronomy, off-campus facilities include a 24-inch telescope at Cerro Las Campanas in Chile, air cushion research and sonic boom facilities at the Institute for Aerospace Studies, and a geomagnetic laboratory at Erindale.

Libraries

The library system consists of more than 30 libraries containing more than 5,200,000 volumes and growing at a rate of about 150,000 items a year. Included in these figures are 70,000 current serials, about 7,000 manuscript titles, 225,000 maps, 1,942,000 microforms and 766,000 other non-book items.

The system's headquarters, the John P. Robarts Research Library, contains the university's central collections in the humanities and social sciences. The Robarts library has an ultimate stack capacity of 4.7 million volumes and has more than 3,500 study places including 1,100 individual carrels.

Several other units are administered within the central university library budget. The largest of these are the science and medicine library, the engineering library, the Thomas Fisher rare book library, and the Sigmund Samuel Library which contains the principal collection of duplicate copies.

There are also a number of faculties, departments and institutes for which material is bought and catalogued centrally and a number of libraries which do their own buying and cataloguing. Among the latter are the libraries of Scarborough and Erindale colleges, the faculties of law, education and library science, the federated colleges, and related institutes such as the Clark Institute of Psychiatry and the Ontario Institute for Studies in Education.

Special collections: The Fisher Library's most significant holdings include: the Hannah Collection (history of medicine);
history of science collection
Drake Galileo and Charles Darwin collections;

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* Ordinary member, AUCC

Fisher Shakespeare collection;
DeLury Collection (Anglo-Irish literature);
Endicott Collection (English literature, 1880-1930);
Italian and Spanish literature, including large holdings of Italian plays and libretti and of Spanish *comedias sueltas*;
Rousseau, Voltaire, Bacon, Hobbes and Locke collections;
Slater Collection (Bertrand Russell);
Petlice Collection (suppressed contemporary Czechoslovakian literature);
Sheldon Collection (Australiana).
Holdings of Canadian historical and literary works and of papers of Canadian authors and notable figures (e.g., Margaret Atwood, Earle Birney, Ernest Buckler, Leonard Cohen) are extensive.
The Fisher Library is the repository for trade journals published by Maclean-Hunter and Southam Press.

Programs and Degrees

Bachelor's degrees are four years (20 credits) from senior matriculation unless otherwise specified. Master's degrees require at least one year from four-year bachelor's degrees and doctorates require two years from master's degree unless otherwise specified.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Architecture

Bachelor of architecture (BArch) Five years from senior matriculation.
Bachelor of landscape architecture (BLA) Five years from senior matriculation.
Master of architecture (MArch) At least one year after BArch or BASc.

Arts

Bachelor of arts (BA) Fifteen courses (for three-year degree) or 20 courses (for four-year degree) after grade 13 or equivalent.
Master of arts (MA)
Doctor of philosophy (PhD)
Conjunct master of arts and diploma in Russian and East European studies. At least two years from four-year BA.
Master of philosophy (PhilM) Open to university graduates in arts by pursuing advanced course of study following a Master's degree for at least one year under direction of one department. Applicants holding MA from another university may apply for program of 12 months of continuous study.

Commerce

Bachelor of commerce (BCom) Twenty-three courses after grade 13 or equivalent.
Master in business administration (MBA) Two years from first degree.
Doctor of philosophy (PhD) At least two years from MBA.

Computing and data processing

Master of science (MSc) Graduates of degree courses with substantial background in computer science will be admitted to one-year program.
Doctor of philosophy (PhD) At least two years from MSc.

Dentistry

Bachelor of science in dentistry (dental hygiene) [BScD (Dental Hygiene)] Two years beyond university diploma in dental hygiene or equivalent.
Doctor of dental surgery (DDS) Four years from one preprofessional year beyond senior matriculation (five years beyond senior matriculation).
Diploma in oral and maxillofacial surgery and anaesthesia (DipOralMaxfaSurg & Anaes) At least 36 months (over three calendar years) from DDS degree.
Diploma in oral pathology (DipOralPath) At least 36 months (over three calendar years) from DDS degree.
Diploma in Dental Anaesthesia (DipDentAnaesth) At least 24 months (over two calendar years) from DDS degree.
Diploma in Dental Public Health (DDPH) At least 24 months (over two calendar years) from DDS degree.
Diploma in Oral Radiology (DipOralRad) At least 24 months (over two calendar years) from DDS degree.
Diploma in Orthodontics (DipOrthodont) At least 24 months (over two calendar years) from DDS degree.
Diploma in Paedodontics (DipPaedodont) At least 24 months (over two calendar years) from DDS degree.
Diploma in Periodontics (DipPeriodont) At least 24 months (over two calendar years) from DDS degree.
Diploma in Prosthodontics (DipProsth) At least 24 months (over two calendar years) from DDS degree.
Master of science (MSc) At least two years from DDS degree.
Doctor of Philosophy (PhD) At least two years from MSc degree.
A combined research degree and postgraduate clinical program in several of the clinical subjects is offered. Minimum time requirement for the MSc is three years and for the PhD, four years.

Education

Bachelor of education (BEd) One-year teacher training program after acceptable undergraduate degree. Ontario Teacher's Certificate granted by the Ontario Ministry of Education.
Diploma in technical education. One-year program for qualified tradesmen leading to Ministry certification.
Diploma in child study. Two-year program offered to university graduates at Institute of Child Study.
Additional certificate programs offered in summer and winter evening for qualified elementary and secondary school teachers.
Master of arts/science in teaching MA(T)/MSc(T). At least one year from BA in field closely related to intended area of specialization.
Master of arts (MA)
Master of Education (MEd)
Doctor of Education (EdD)
Doctor of Philosophy (PhD)
For further details, consult the Ontario Institute for Studies in Education entry.

Engineering

Bachelor of applied science (BASc)
Master of applied science (MASc) At least one year from BASc or BSc in science or applied mathematics.
Master of engineering (MEng) No general residence requirement.
Doctor of philosophy (PhD) At least two years from MSc or MASc.

Forestry

Bachelor of science in forestry (BScF)
Diploma in resource management.

Master of science in forestry (MScF) At least one year from BScF or bachelor's degree in related field.
Doctor of philosophy (PhD) At least two years from master's degree. Under special committee.

Industrial relations
Master of industrial relations (MIR) Two years from undergraduate degree.
Doctor of philosophy (PhD) Two years from MIR.
Specialized study focusing on the labour sector of the economy. Disciplines involved: Community Health, Economics, Education, History, Management Studies, Social Work, Sociology.

Law
Bachelor of laws (LLB) At least five years beyond senior matriculation.
Master of laws (LLM) At least one year from LLB.
Doctor of Juridical science (SJD) At least one year from LLM.

Library and Information science
Master of library science (MLS) Two years from bachelor's degree.
Doctor of philosophy (PhD) At least two years from MLS.

Medicine
Bachelor of science (occupational therapy) [BSc(OT)] Four-year program beyond Grade 13 in department of rehabilitation medicine, faculty of medicine, University of Toronto.
Bachelor of science (physical therapy) [BSc(PT)] Four-year program beyond Grade 13 in department of rehabilitation medicine, faculty of medicine, University of Toronto.
Bachelor of science (art as applied to medicine) [BSc(AAM)] Three-year program following senior matriculation plus two and a half years formal postsecondary education in art.
Doctor of medicine (MD) Four years beyond second-year University of Toronto arts and science or from BA or BSc.
Certificate in public health (CPH) One year beyond arts or science degree.
Diploma in industrial health (DIH) One year beyond undergraduate degrees.
Diploma in child psychiatry. Two years beyond at least two years of postgraduate education.
Diploma in radiation oncology (DRO) Two years beyond at least one year of internship (three years beyond MD degree).
Diploma in psychiatry (DPsych) Up to three years beyond at least one year of internship or three years including straight internship in psychiatry at a teaching hospital (three years beyond MD degree).
Diploma in clinical chemistry (DClChem) Two years beyond PhD or MD with adequate science background.
Master of health science (MHSc) (Community Health) (Speech Pathology) At least one and one-half years from undergraduate degree.
Master of science (MSc) At least one year beyond MD degree or beyond four-year BSc.
Doctor of philosophy (PhD) At least three years beyond MD or two years beyond MSc.

Museum studies
Master of Museum studies (MMSt) Two years beyond four-year BA. Consists of 24 consecutive months. A joint program offered by the university and the Royal Ontario Museum.

Music
Bachelor of arts (BA) At least three years beyond Grade 13.
Artistic diploma (ArtDipMus) and Licentiate diploma (LicDipMus) and Bachelor of music in performance (MusBac) Three years beyond completion of five academic credits at either Ontario grade 12 or Ontario grade 13 level, or a combination of five Ontario grade 12 and 13 credits (or equivalent); RCMT grade II rudiments and grade III harmony (or equivalent) and audition in performance.
Diploma in operatic performance. Two years beyond an undergraduate degree or its equivalent and an audition in performance.
Bachelor of music (MusBac) Four years beyond Ontario grade 13 or equivalent; RCMT grade II rudiments and grade III harmony or equivalent. Candidates must take audition in performance.
Master of music (MusM) One year beyond honours bachelor of music.
Master of arts (MA) At least one year beyond four-year BA specialist program in music or bachelor of music program with major concentration in history and literature.
Doctor of music (MusDoc) Two years from master of music.
Doctor of philosophy (PhD) At least two years beyond master's degree.

Nursing
Bachelor of science in nursing (BScN) Four years beyond Grade 13.
For graduates of diploma schools of nursing, examinations for advanced standing in nursing courses of the first and second year of the four-year program are offered.
Master of science in nursing (MScN) At least two academic years beyond BScN. Candidate may (with the approval of the school of graduate studies) complete one academic year as part-time student. All degree requirements must be satisfactorily completed within four calendar years from date of first enrolment in program.

Pharmacy
Bachelor of science in pharmacy (BScPhm) Four years beyond Grade 13.
Master of science in pharmacy (MScPhm) At least one year from BScPhm.
Doctor of philosophy (PhD) Program of studies in a number of areas offered under special arrangement with school of graduate studies. Faculty of pharmacy should be consulted for details.

Physical and health education
Bachelor of physical and health education (BPHE) Four years beyond Grade 13.

Science
Bachelor of science (BSc) Fifteen courses (three-year degree) or 20 courses (four-year degree) after Ontario grade 13 or equivalent.
Master of science (MSc)
Doctor of philosophy (PhD) At least two years from MSc.

Social work
Master of social work (MSW) At least two years beyond bachelor of arts or equivalent degree.
Doctor of Philosophy (PhD) At least two years beyond MSW.

Planning
Master of science in planning (MScPl) Two years beyond four-year bachelor's degree. Program is administered by the Department of Geography.

Continuing education
Day or evening classes offer undergraduate courses for

students proceeding to a degree in the faculty of arts and science at St. George, Erindale and Scarborough campuses. Full programs are offered. Undergraduate courses are also available for diploma nursing graduates proceeding to a degree. Third and fourth year must be taken on a full-time basis. A program of short courses is offered to registered nurses. University credit is not given for these courses. Undergraduate courses are offered on a part-time basis for students proceeding to a degree in the faculty of applied science and engineering (Engineering Science program is not offered). A degree in Physical and Health Education may be pursued on a part-time day study (no evening or summer classes offered). Full degree completion programs are available part-time for diploma graduates in physical and occupational therapy (winter and summer).

Diploma program in translation: Provides instruction for French and English-speaking students who desire formal training as translators. Applicants must hold a BA or its equivalent from a North American university. Proficiency in French and English is required. Candidates for admission are required to pass entrance examination.

Diploma program in Gerontology: Applicants must present undergraduate degree with high standing.

Certificate programs: Certificate programs in business, public administration, criminology, personnel and industrial relations, law enforcement and administration and teaching English as a second language. Certificates are awarded upon successful completion of six or seven courses. Admission requirements are the same as for normal university entrance.

Pre-university courses: Pre-university courses are offered regularly throughout the year in chemistry, English, history, mathematics and Canadian studies.

School of continuing studies: Provides opportunities for personal enrichment and professional growth through a variety of university courses, workshops and symposia presented during daytime and evening hours throughout the year. In addition, a large independent study program attracts students from all parts of Canada and from many other countries. The school provides an alternative to formal university degree studies. Admission is each learner's self-assessment of preparedness for participation. Examinations and grades are available only as requested by students.

Admission Requirements

Undergraduate

Ontario: Grade 13 level or equivalent. Each division requires completion of specific subjects. Minimum 60 per cent average required for consideration, but it is likely student will require an average considerably above 60 per cent to be considered for most programs.

Other provinces: Applicants from British Columbia, Alberta, Saskatchewan, Manitoba, New Brunswick, Prince Edward Island and Nova Scotia, grade 12 certificate. Quebec applicants, CEGEP I or equivalent. Applicants from Newfoundland, first year at Memorial University.

Mature students

Applicants at least 21 years of age without an acceptable Ontario grade 13 or equivalent who have resided in Ontario for at least one year will be considered for admission to arts and science upon completion of one pre-university course with high standing at Woodsworth College. Successful completion of this course does not ensure admission; candidates should consult the office of admissions about eligibility before enrolling. Degree courses with scientific content, such as those offered by professional faculties, often have additional requirements. Candidates should consult the office of admissions.

Senior students

Students 65 years of age and over are not required to meet normal admission requirements. Tuition fees are waived for senior students.

Graduate

Normally four-year University of Toronto bachelor's degree with at least mid-B standing or equivalent from this or another university for admission to a Master's program and at least B+ for admission to a doctoral program.

Foreign students

An undergraduate candidate whose mother tongue is not English may be required to meet an appropriate standard in a recognized test of English facility. May be done through University of Michigan English language test (90 minimum acceptable score for most divisions) or Test of English as a Foreign Language (580 minimum acceptable score for most divisions). Applicants to graduate studies from universities outside Canada whose native language is not English must establish facility in English. This must be done before arrival on campus.

Certificates equivalent to Ontario grade 13 in appropriate subjects. CEEB scores recommended.

USA, Central and South America: First-year accredited university (normally 30-semester hours) standing in appropriate subjects. Excellent students with high school academic diploma and CEEB advanced placement scores considered. (Arts and science, forestry, music, physical and health education will consider grade 12 applicants from American secondary schools with minimum average of 550 on two CEEB aptitude tests and on three CEEB achievement tests).

UK, West Indies, East and West Africa, Hong Kong: GCE, HSC or Hong Kong Advanced level examinations in five appropriate subjects including two at A-level, or in four appropriate subjects with three at A-level. (Three A-level will be required by Arts and Science in 1987.)

India, Pakistan and Bangladesh: Bachelor's degree with high standing.

Japan, Korea and Taiwan: First-year accredited university standing in appropriate subjects.

Philippines: Second-year university standing in appropriate subjects.

Europe and Commonwealth: Final-year secondary school graduation (maturity) certificate.

Other: Applicants submitting international baccalaureate and European Baccalaureate will be considered.

Application Deadlines

Dates for receipt of applications for undergraduate programs vary. Applications for applied science and engineering, architecture, forestry and landscape architecture, music, nursing, pharmacy, physical and health education, rehabilitation medicine, must be submitted by April 1. Regular full-time arts and science, June 1. Overseas applicants must apply six weeks in advance of these dates. Other undergraduate certificate and diploma courses, information available in individual calendars.

The school of graduate studies assigns places on the basis of applications received by April 15. Some departments, however, have earlier deadlines. If places remain open, applications will be considered after April 15. In these cases, the deadlines for receipt of applications from Canada and the U.S.A. for admission to commence in September and January are July 1 and November 1 respectively; the deadlines for receipt of applications from all other countries for admission to commence in September and January are June 1 and October 1 respectively. In order to be considered for University of Toronto open fellowship and Connaught Scholarship, applications should be submitted by February 1. For details, consult the appropriate calendar.

Costs (1986-1987)

Tuition: Full-time undergraduate (enrolled in 4 or more courses). Canadians and landed immigrants: (arts and science) $1,265; (professional faculties) $1,373 (medicine and dentistry slightly higher). Visa students: $6,622.

Graduate: Canadian and landed immigrants: $1,300. Visa students $6,600. Part-time: (enrolled in 3;011; courses or less) (arts and science) $250 per course.

The above do not include compulsory incidental fees.

Residence: Undergraduate (terms ranging from 210 to 226 days), room only, $1,762; room and full board $2,912 to $3,552. St. George graduate residence from $241-$316 monthly. Town-houses from $1,545 (double) to $1,600 (single). Married student apartments from $277 (bachelor) to $451 (two-bedroom). Twelve-month leases commencing September 1 required for apartments.

All fees and costs subject to change without notice.

Academic Year

Winter session: mid-September to early May. Summer day session: early July to mid-August. Summer evening session: mid-May to mid-August. This is the general pattern, but there are variations in different faculties and individual calendars should be consulted.

Grading System

Faculty of arts and science: A, 80-100%; B, 70-79%; C, 60-69%; D, 50-59%; E, 35-49%; F, 0-34%. A candidate requires 50 per cent in a subject to pass. Grading systems used by other faculties and schools vary and individual calendars should be consulted.

Student Aid

The university, its colleges and faculties provide admission scholarships to students entering the first year of undergraduate studies. Students should consult the admission booklet, "A Great Tradition, the University of Toronto", or the admission Scholarship brochure available at Ontario secondary schools or contact the University's Office of Student Awards directly. In addition, a significant number of in-course scholarships are awarded to students on the basis of their performance at the university. Graduate students are considered for fellowships offered by the university, and by the provincial and federal governments.

The university considers students with financial need for bursary assistance after classes have begun. Small emergency loans are also available under special circumstances. Students who require financial aid should investigate government financial assistance programs.

Student Life and Services

The Students' Administrative Council is an incorporated body which represents full-time undergraduate students on all three campuses. These students annually elect a president, two vice-presidents, and representatives from all the colleges and professional faculties. Financial support for the projects of the council comes from a compulsory student fee. The council funds Radio Varsity and has a number of permanent commissions which coordinate a variety of student services. The Students' Administrative Council also serves to represent the views of full-time undergraduate students on university-wide issues.

The Association of Part-time Undergraduate Students is an incorporated body which represents all part-time undergraduates, publishes a newsletter and receives support for its activities through a compulsory fee paid by its members.

The Graduate Students' Union represents the academic and general interests of students registered in the school of graduate studies. Financed through a compulsory fee paid by all graduate students, the GSU supports departmental course unions and provides a number of other services, including a gym, food and bar services.

There are two incorporated campus-wide newspapers, one of which is supported by a compulsory fee paid by all full-time undergraduate students, and most of the divisional student societies mentioned below sponsor publications.

Undergraduate and graduate students are represented on the governing council of the university. There are, in addition, student councils or societies in most of the colleges, faculties and schools, as well as a large number of clubs and organizations which focus on a particular activity or interest.

The federated universities and colleges provide accommodation for 828 men and 787 women. There is also a variety of accommodation on the three university campuses. Erindale and Scarborough have accommodation for 522 and 383 students, respectively. On the St. George Campus, seven residences offer accommodation for 475 men and 389 women in addition to 896 coeducational places of which 280 are in the graduate student residence. A married student housing complex of 713 units, built by the Ontario Student Housing Corporation, is located in two apartment towers within walking distance of the St. George Campus.

For University of Toronto students who want off-campus accommodation, the university housing service maintains lists of available rooms, apartments and houses at each of the three campuses.

Other student services include health (medical and psychiatric), legal aid, ombudsman, services to disabled persons (liaison and advice on accommodations), career counselling and placement, an advisory bureau (individual and group counselling), bookstores, and athletic facilities. Hart House provides facilities for recreation, reading, sports, debating, music and the arts as well as food services. Fees for the health service, athletics, and Hart House are included in compulsory incidental fees. Services to Canadian and foreign students are available in the International Student Centre which also houses offices of CUSO and of the Canadian International Development Agency.

Handicapped students should contact Mrs. E. Barbeau, Co-ordinator of Services for the Disabled to obtain information about university facilities. Telephone: (416) 978-3011.

In 1984 the University appointed a Status of Women Officer who reports and makes recommendations to the President on matters directly of concern to women and broader policy issues which may have a particular impact on or implications for women students, faculty, and staff. Telephone: (416) 978-2757.

Students, faculty and staff of the University of Toronto are given priority at two area day care centers. The Margaret Fletcher Day Care Center serves 50 children from 2½ to 5 years. Telephone: (416) 978-6725. The Campus Community Co-operative Day Care Center has places for 50 children, and services infants to 5 year olds.

The St. George Campus is well-served by public transportation, and the University provides a limited amount of parking. Erindale and Scarborough Colleges are served by public transportation, university shuttle, and both provide ample parking. Disabled students are eligible to use the public parallel transit system, wheeltrans, and special parking permits issued by both the city and the university.

Research Institutes

The Banting and Best Department of Medical Research. Chairman: D. MacLellan, PhD

The Banting and Best Diabetes Centre. Director: C.H. Hollenberg, BSc, MD, DSc, FRCP(C), MACP

Canadian Institute of Ukrainian Studies. Director: Danylo Struk, MA, PhD

Centre for Industrial Relations. Director: Morley Gunderson, PhD

Centre for International Studies. Director: R.A. Spencer, BA, MA, DPhil

Centre for Medieval Studies. Director: Timothy McGee (acting), BA, MA, PhD

Centre for Reformation and Renaissance Studies. Director: J.M. Estes, MA, PhD

Centre for Religious Studies. Director: Ronald Sweet (acting), BA, MA, PhD

Centre for Russian and East European Studies. Director: Timothy J. Colton, BA, MA, PhD

Centre for South Asian Studies. Director: M. Israel, BS, MA, PhD

Centre for Urban and Community Studies. Director: Meyer Brownstone, BScA, MS, DPA

Centre of Criminology. Director: A. Doob, AB, PhD

Computer Systems Research Institute. Director: Carl Hamacher, BASc, MSc, PhD

David Dunlap Observatory, Richmond Hill. Director: J.D. Fernie, MSc, PhD, FRSC

Graduate Centre for the Study of Drama. Director: Ann Saddlemyer, BA, MA, PhD

Institute for Aerospace Studies. Director: R.C. Tennyson, BASc, MASc, PhD

Institute for Environmental Studies. Director: Pamela Stokes, DSc, PhD

Institute for History and Philosophy of Science and Technology. Director: T.H. Levere, BA, DPhil, MP

Institute for Policy Analysis. Director: James E. Pesando, BA, MA, PhD

Institute of Bio-Medical Engineering. Director: W. Zingg, MD, MSc

Institute of Child Study. Director: Ada Schermann, MSc

Institute of Immunology. Director: R.G. Miller, PhD

Institute of Medical Science. Director: A. Angel, BSc, MD, MSc, FRCP(C)

Joint Center for Modern East Asia. Director: Michael Donnelly, MA, PhD

CDN Center for Toxicology. Director: I.C. Munro, PhD

Laboratory for Advanced Concepts in Energy Conversion. Contact: R.D. Venter, BSc, MEng, PhD

University of Toronto/York Joint Program in Transportation. Director: Richard Soberman, BSc, PhD, SM

Constituent Colleges

Erindale College, University of Toronto, Mississauga Road, Mississauga, Ontario L5L 1C6 Telephone, (416) 828-5231. Established 1964 and classes began 1966. Non-denominational, coeducational. Provides three and four-year BA, BSc, and BCom and offers number of special programs (listed in the special programs section of this entry). Residence accommodation is available. Located 33 km west of the St. George campus. Principal: P.W. Fox, MA, PhD

Innis College, 2 Sussex Avenue, University of Toronto, Toronto, Ontario M5S 1J5 Telephone, (416) 978-7023. Established 1964. Non-denominational, coeducational. College for students of all undergraduate divisions of the university. Undergraduate programs in urban studies, cinema studies, and community living are centered at the college. Interdisciplinary studies in a number of other areas are also offered including environmental studies, theatre and independent studies. Conducts a writing laboratory and workshop for creative writing. In addition, through Harold Innis Foundation, the college has access to a farm and conference centre in Oakville. Residential accommodation offered in university and student-operated residences and houses. Principal: John Browne, MA

New College, University of Toronto, Toronto, Ontario M5S 1A1 Telephone, (416) 978-2460. Established 1962. Coeducational and non-denominational. Courses emphasize Canadian literature, women's studies and interdisciplinary studies involving science, technology and humanities. Enrolment drawn from all undergraduate divisions of the university. Offers residence accommodation, common rooms and dining facilities. Principal: J.E. Chamberlin, PhD

Scarborough College, University of Toronto, 1265 Military Trail, West Hill, Ontario M1C 1A4 Telephone, (416) 284-3333. Established 1964 and classes began 1965. Coeducational and non-denominational. Courses lead to BA and BSc (three and four year). Special programs offered (described in special program section of this entry). Located 33km to the east of the St. George Campus of the university. Residence accommodation available. Principal: G.R. Williams, PhD, DSc

University College, University of Toronto, Toronto, Ontario M5S 1A1 Telephone, (416) 978-3170. Established 1853 as the Provincial College. Coeducational and nondenominational. Full-time students in the faculty of arts and science proceed to BA, BSc and BCom. Wide range of subjects. Program in drama; developing program in Canadian studies. Residence accommodation available in Sir Daniel Wilson Residence and in Whitney Hall. Principal: G.P. Richardson, BArch, DD, PhD

Woodsworth College, 119 St. George Street, Toronto, Ontario M5S 1A9 Telephone, (416) 978-2405. Part-time program leading to a BA established in 1905 at the University of Toronto. In 1920 the department of university extension was organized and offered both credit and non-credit courses. In 1974, the School of Continuing Studies was formed to conduct non-credit courses, and a college was constituted to offer credit courses primarily for part-time students. Named in honour of J.S. Woodsworth (1874-1942). Multi-faculty constituent college of the university located on the main campus. Principal: A.M. Kruger, BA, PhD

Federated Institutions

Emmanuel College of Victoria University, Toronto, Ontario M5S 1K7 Telephone, (416) 978-3943. United Church. Founded 1836. One of seven seminaries form the Toronto School of Theology. Courses offered in theology leading to a college diploma. Also offers titles of LTh and MDiv, MRE, ThM, ThD and DMin (awarded by the senate of Victoria University). Residence accommodation. Principal: C.D. Jay, MA, BD, PhD, DD

Knox College, Toronto, Ontario M5S 2E6 Telephone, (416) 978-4500. Presbyterian. Coeducational. Established 1844. Member of the Toronto School of Theology. Federated with the University of Toronto in 1890. Offers courses in theology leading to a diploma and MDiv, ThM, and ThD (awarded by the college). Residence accommodation for 99 men and seven women. Principal: Rev. D.J.M. Corbett, BA, LLB, BD, PhD

Regis College, 15 St. Mary Street, Toronto, Ontario, M4Y 2R5 Telephone, (416) 922-5474. Roman Catholic Jesuit. Founded 1930. Founding member of the Toronto School of Theology. Federated with the University of Toronto in 1979. Offers courses in theology leading to the degrees of MDiv, MTh, ThD, DMin, granted conjointly with the University of Toronto, of STM, and to the ecclesiastical degrees of STB, STL, and STD. President: Jacques Monet, sj, PhL, STL, MA, PhD

St. Augustine's Seminary, 2661 Kingston Road, Scarborough, Ontario, M1M 1M3 Telephone, (416) 261-7209. Roman Catholic, Diocesan. Founded 1913. Founding member of Toronto School of Theology. Federated with the University of Toronto in 1983. Offers courses in theology leading to the degrees of MDiv, ThM, granted jointly with the University of Toronto, and the ecclesiastical degree of STB. President-Rector: Mgr. Peter Somerville, BA, STL

University of St. Michael's College, Toronto, Ontario. See separate entry.

University of Trinity College, Toronto, Ontario. See separate entry.

Victoria University, Toronto, Ontario. See separate entry.

Wycliffe College, Hoskin Avenue, Toronto, Ontario M5S 1H7 Telephone, (416) 979-2870. Anglican. Established 1877 and federated with the university in 1889. Courses in theology leading to a MDiv as preparation for ordination, the MRel and the title of LTh. Also has authority to confer advanced degrees in theology such as BD, MTh, DTh and DD. Residence accommodation for 80 men. Principal: Rev. Dr. P.R. Mason, BA, LTh, BD, MA, DMin

Other Institutions Related to the University

Massey College, University of Toronto, Toronto, Ontario M5S 2E1 Telephone, (416) 978-2895. Opened 1963-1964. Residential college within the university of Toronto for graduate students and senior scholars engaged in research. Appointments to college are divided as evenly as possible between men and women working in humanities and sciences at the university. Living accommodation, dining and common-room facilities, and library for research studies. Master: J.N.P. Hume, BA, MA, PhD, FRSC

The Ontario Institute for Studies in Education, (OISE), Toronto, Ontario. See separate entry.

Pontifical Institute of Mediaeval Studies, 59 Queen's Park Crescent East, Toronto, Ontario M5S 2C4 Telephone, (416) 926-1300. Affiliated with the federated University of St. Michael's College. Conducts research, provides courses, gathers library and archival materials, publishes texts, translations, studies, and a learned journal (Mediaeval Studies) in thought, culture, writings, and institutions of the Middle Ages. Faculty members are members of the graduate school of the University of Toronto. Students may register in the university for MA or PhD and may qualify for MSL and MSD awarded by the institute. They may also carry on independent research. President: J.A. Raftis, BA, MA, Dr en ScSoc, PhD, FRSC

Royal Conservatory of Music, 273 Bloor Street West, Toronto, Ontario M5S 1W2 Telephone, (416) 978-3797. Established 1886. Housed since 1962 in renovated economics building. Now includes a concert hall with organ, recital hall, classrooms, and studios for teaching practice (including organ practice). Branches at eight other locations serving outlying areas of metropolitan Toronto. The associateship diploma (ARCT) is the apex of an examination syllabus divided into 11 grades covering material from beginning music study through university equivalent. The syllabus is also the basis for a local-centre examining network operating throughout Canada and parts of USA and is a widely recognized standard-setting system. Principal: R.K. Dodson (acting), BMus, MMus

The Toronto School of Theology, 47 Queen's Park Crescent East, Toronto, Ontario M5S 2C3 (416) 978-4039. Established in 1969 as a federation of seven theological colleges and faculties: Emmanuel (United Church of Canada), Knox (Presbyterian), Regis (Roman Catholic, Jesuit), St. Michael's College Faculty of Theology (Roman Catholic, Basilian), St. Augustine's Seminary (Roman Catholic, Diocesan), Trinity College Faculty of Divinity (Anglican), and Wycliffe College (Anglican). Since 1979, TST has been formally affiliated with the University of Toronto so that the following degrees are conferred conjointly by the University and the seven member colleges: MDiv, MRel, MRE, ThM, ThD, and DMin. In addition TST offers both an MA and a PhD conferred through the University of St. Michael's College. Director: I.G. Nicol, MA, BD, PhD

Trent University*

General Information

Address: Peterborough, Ontario K9J 7B8
Telephone: (705) 748-1011
Telex: 06962824

President and Vice-chancellor: D.F. Theall, BA, MA, PhD

For a complete list of Trent faculty, see the Trent calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, A.O.C. Cole, MA
High school liaison officer: Jeffrey Hollett, Assistant director, school liaison

Enrolment (1985-1986):

Full-time undergraduate:	3,125
Part-time undergraduate:	1,096
Full-time graduate:	47

Full-time faculty (1985-1986): 192

Total income (1984-1985): $27,357,000

General operating fund income

	('000)	
Government grants	$ 13,305	48.6%
Fees	4,831	17.7%
Miscellaneous	583	2.1%
Sub Total	$ 18,719	68.4%
Other funds income		
Ancillary enterprises	$ 5,967	21.8%
Special purpose and trust	1,139	4.2%
Sponsored research	1,293	4.7%
Plant	239	0.9%
Sub Total	$ 8,638	31.6%
TOTAL	$ 27,357	100%

History and Governance

Trent University was created and given degree-granting status by an act of the Ontario legislature in 1963. The university was opened and the first undergraduate class was accepted in 1964. The academic planning committee initiated the academic preparation for the university and a campus planning committee planned the university site and architecture. Trent University is a non-denominational, coeducational institution and operates under a board of governors and a senate.

Buildings and Grounds

Trent University is structured into five residential-teaching colleges, each containing seminar rooms, lecture halls, student residence rooms, faculty offices, common rooms and a library. Two of the colleges are located in attractive older buildings in downtown Peterborough (pop. 62,000) and the other three are located on the Nassau Campus, a 1,400-acre wooded, gently rolling site on both sides of the Otonabee River, connected by a pedestrian bridge. The main library, two science buildings and athletic facilities are also located on the Nassau Campus.

Libraries

The Thomas J. Bata Library holds 372,906 volumes, 115,108 microfilms and over 2,911 periodical subscriptions, 68,561 maps and air photos, and over 139,822 government documents. Approximately 10,000 volumes are added to the collection each year.

To support the university's interest in Canadian studies, the library has concentrated on acquisitions of Canadiana.

Special collections: G.M. Douglas Arctic collection
Perkins Bull collection of prints
Racey collection of newspaper cartoons
Floyd Chalmers collection of Canadian explorers
Shell Canada fund for Canadian literature
A.J.M. Smith collection of Canadian poetry and literature.
Hunter collection of rare Canadiana and maps
Bishop Webster collection in support of studies in religion, philosophy, history and related subjects
Robert Markon Foundation's art book collection.
Holm collection of children's literature

Programs and Degrees

Ordinary bachelor's degree requires completion of 15 courses from senior matriculation. Honours bachelor's degree requires completion of 20 courses from senior matriculation. Master's degree normally requires two years from honours BA or BSc.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA)
Master of arts (MA)
Bachelor of administrative studies (BAS)

Science

Bachelor of science (BSc)
Master of science (MSc)

Continuing education

Julian Blackburn College was established in 1975 as a college for part-time students. During winter session, courses leading to BA and BSc are concurrent with regular and evening programs. During summer session, undergraduate arts and science courses are offered for those proceeding to a degree.

A number of non-credit courses in the humanities, social and physical sciences are offered in the evening during the regular academic session.

Admission Requirements

Undergraduate

Ontario: Educational level equivalent to Ontario honours graduation. French recommended for French. Some Ontario Grade 13 mathematics required for any mathematics course, physics and mathematics for physics course and chemistry for chemistry course.

Other provinces: Candidates must submit certificates of standing which are equivalent to Ontario grade 13. Newfoundland: first year at Memorial University. Prince Edward Island: first year at UPEI. Quebec: first year of CEGEP or equivalent. All other provinces: grade 12.

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*Ordinary member, AUCC

Mature students
Candidates who do not meet normal admission requirements but have maturity and motivation may be considered for admission.

Senior citizens
Students 60 years of age and over must meet normal admission requirements or those outlined for mature students.

Graduate
Honours bachelor's degree or equivalent with at least an upper second-class (B+) standing required in appropriate area of study. Students whose background is not sufficient for direct entry into a Master's program may be admitted to a make-up or Qualifying Year.

Foreign Students
Students whose mother tongue is not English must provide evidence of an adequate knowledge of English. The Test of English as a Foreign Language (TOEFL) may be required (minimum acceptable score is 550).

United Kingdom and Commonwealth: GCE or equivalent in five subjects with two at A-level.

USA: High school graduation diploma, CEEB scores and a letter of reference from high school teacher or counsellor.

Application Deadlines

Application deadlines are not specified but students should apply between January and June of the year in which admission is sought. Those not holding normal admission requirements and seeking specific consideration must apply, giving details, before June 30 of year in which admission is sought.

Graduate students are admitted to programs three times yearly, i.e., to commence studies during Spring Term (1 May), Fall Term (1 September) or Winter Term (1 January). The deadline for receipt of applications for regular Fall Term admission is March 15. Admission at other times depends on space available in a particular program and the availability of funding.

Costs (1986-1987)

Tuition fee: Full-time undergraduate $1,264. Part-time undergraduate $252.80 per full course. Full-time graduate $1,302. Part-time graduate $651. Foreign students are required to pay a differential fee.

Residence: Room and board (single) $3,346, (double) $3,187, (triple) $3,014. Room only (townhouse) $1,806.

All students are affiliated with one of five colleges. All students are required to pay a college fee; for full-time students this fee is included in the residence fee. Nonresident full-time students are required to pay $104.

Tuition fees are waived for students 60 years of age and over (senior students). Full-time students are those enrolled in three and a half courses or more. Part-time students are enrolled in three courses or less.

Incidental fees: $247.75

All fees subject to change without notice.

Academic Year

Autumn term: mid-September to early December. Winter term: early January to mid-May. Summer session: mid-May and early July to mid-August.

Grading System

As of June, 1982, passing grades: A+(100-90), A(89-85), A—(84-80), B+(79-77), B(76-73), B—(72-70), C+(69-67), C(66-63), C—(62-60), D+(59-57), D(56-53), D—(52-50); failing grade: F(49-0). No supplemental examinations. Overall standing is granted in honours subjects only. Course-credit system replaced year promotion in 1970-1971. Aeg. (aegrotat) following a grade indicates that the student was absent with reason from the final examination but that standing was granted on the basis of the year's work.

Student Aid

Private donors have endowed scholarships which are awarded to students entering the university and during the course of their studies. In addition, the university awards scholarships to students entering the university with high standing. All students entering the university with high standing are automatically considered for scholarships and separate application for scholarships awarded by the university is unnecessary. University scholarships may be held in conjunction with other scholarships when their conditions permit to a maximum of $4,000 in 1983-1984. To be considered for scholarships, students entering first year normally must have taken five of the six credits required for admission during the current academic year. Those applying for admission after August 1 are not considered for scholarships. Students attending the university are eligible to apply for assistance under the Ontario student awards program. For further information contact the Financial Aid Office (705) 748-1462.

Student Life and Services

Each college of Trent University is governed by an elected student cabinet with a university-wide student union coordinating the activities of the college governments. Fifteen students sit as full members of the university senate and students participate in a broad range of university committees. The early years of the university saw the establishment and growth of literary magazines, a newspaper, a radio service, a community action program, dramatic art, music, debating and film societies, and many other activities.

A new recreation facility opened in 1977. It includes a gymnasium, a 25-metre pool, squash courts, an exercise room, a multi-purpose room and locker facilities. The Nassau Campus provides heated indoor facilities for many sports, a flood-lit playing field, a 400-metre all weather track and tennis courts. The university has its own rowing shells. Intercollegiate and intramural sports include badminton, basketball, cross-country running, curling, fencing, hockey, judo, rowing, rugby, skiing, soccer, softball, squash, tennis, touch football, field hockey, swimming, and volleyball. Equipment is available to students interested in camping and canoeing expeditions in the Kawartha hinterland.

The city colleges, Peter Robinson and Catharine Parr Traill, are coeducational and provide residential accommodation for 280 students. The campus colleges, Champlain, Lady Eaton and Otonabee, are also coeducational and provide accommodation for 800 students.

In addition, there is an off-campus housing office open from June to September with listings of available lodgings in and around the Peterborough area.

The university student health service provides medical and counselling services for full-time students and emergency treatment is available 24 hours a day. The university requires all students to carry medical and hospital insurance and Ontario students must carry Ontario health insurance. Canadian students outside Ontario should obtain coverage from their own province. Students from outside Canada may have to make special arrangements for medical coverage at registration.

Foreign students should make themselves known to the Foreign Student Advisor for assistance. For further information contact the Academic Skills Centre, (705) 748-1720.

There is a Committee on the Disabled which handles inquiries and services related to handicapped students. The committee concerns itself with requests about mobility impairments, sensory impairments, and learning disabilities. More information may be obtained from Jim English, Student Services, 748-1332.

The Trent Co-operative Day Care Centre gives priority to the children of students and staff at Trent University. For more detailed information, call (705) 743-2811.

The facilities of the careers room are available to students seeking assistance in finding employment. A principal concern of this office is the career planning and employment of graduating students. On-campus interviews are arranged with business, industry and government representatives. The office also provides information about teaching, professional schools and graduate study.

Research Institutes

Anigawncigig Institute. A non-profit corporation established in 1983 to promote culturally appropriate education for native people, founded and governed by representatives of Trent University, Sir Sanford Fleming College, and native communities and organizations. Executive Director: Vern Douglas, BA, OTC

Leslie Frost Centre for Canadian Heritage and Development Studies. Director: R.J.D. Page, MA, DPhil

Trent Institute for the Study of Popular Culture. Director: Professor Andrew Wernick, BA, MA

Constituent Colleges

Catharine Parr Traill College, Peterborough, Ontario K9J 7B8 Telephone, (705) 748-1736. Opened in 1964 to men and women. Principal: J. Neufeld, BA, MA, PhD

Champlain College, Peterborough, Ontario K9J 7B8 Telephone (705) 748-1237. Opened in 1966 to men and women. Master: D.K. Glassco, BA, MA

Lady Eaton College, Peterborough, Ontario K9J 7B8 Telephone, (705) 748-1322. Opened in 1968 to men and women. Principal: S.D. Standen, BA, MA, PhD

Otonabee College, Peterborough, Ontario K9J 7B8 Telephone, (705) 748-1342. Opened in 1973 to men and women. Master: S.F. Gallagher, MA, PhD

Peter Robinson College, Peterborough, Ontario K9J 7B8 Telephone, (705) 748-1743. Opened in 1964 to men and women. Master: A. Wernick, MA

Each college offers residential accommodation for staff and students, the use of a dining room, common rooms, library, seminar rooms and tutorial offices. Every student and faculty member is a member of a college in which they can live and work together in a relatively small academic community within the large body of the university.

Part-time studies are offered through the Julian Blackburn Centre for Continuing Education. Students registered in fewer than three and a half courses in an academic term are members of the Julian Blackburn Centre. Telephone: (705) 748-1229.

University of Trinity College*

General Information

Address: Toronto, Ontario M5S 1H8
Telephone: (416) 978-2522

Provost and Vice-chancellor: R.H. Painter, BSc, PhD, CChem, FRSC (U.K.)

For a complete list of University of Trinity College faculty, see the University of Trinity College or the University of Toronto in the *Commonwealth Universities Yearbook.*

Enquiries and high school liaison: Direct general correspondence to the Registrar, W.D. Neelands, MA, MDiv

Enrolment (1985-1986):

Full-time undergraduate:	1,007
Part-time undergraduate:	135
Full-time graduate:	92
Part-time graduate:	40

Full-time faculty (1985-1986): 76

Total income (1984-1985): $8,214,000

General operating fund income	('000)	
Government grants	$ 1,116	13.6%
Fees	1,500	18.3%
Miscellaneous	1,252	15.2%
Sub Total	$ 3,868	47.1%
Other funds income		
Ancillary enterprises	$ 1,818	22.1%
Special purpose and trust	2,345	28.6%
Plant	183	2.2%
Sub Total	$ 4,346	52.9%
TOTAL	$ 8,214	100%

History and Governance

The University of Trinity College was founded in 1852, by the Honourable and Right Reverend John Strachan, first Bishop of Toronto, to be the Church of England University of Upper Canada. The occasion for its founding was the secularization, in 1841, of King's College which became the original foundation of the provincial University of Toronto. Under the powers obtained by royal charter in 1852, the University of Trinity College conferred until 1904 degrees in seven faculties. In 1904, Trinity College federated with the University of Toronto, placed in abeyance its degree-granting power in the faculty of arts, and ceased to give instruction in all faculties except arts and divinity. At present, Trinity College's connection with the Anglican Church of Canada is traditional and historical. It acknowledges no ecclesiastical control and places no religious or denominational tests or other restrictions upon its students or staff.

St. Hilda's College was founded in 1888 to provide a residence for the women students of Trinity College and to provide some separate instruction. Later all instruction became fully coeducational and St. Hilda's continued to be the women's residence and social centre of Trinity College.

Trinity is a coeducational institution. It is governed by a corporation, and executive powers are vested in a 26-member executive committee. Academic decisions at Trinity College concerning arts and science are made through the faculty of arts and science of the University of Toronto while academic decisions concerning divinity are made by Trinity College in consultation with the Toronto School of Theology.

Buildings and Grounds

The college is situated on Hoskin Avenue within the University of Toronto campus. The main quadrangle includes a chapel, a library, administrative offices, a dining hall and residence for men. A separate building for classrooms, staff offices and student activities was completed in 1961. St. Hilda's College, on Devonshire Place, provides residence accommodation and additional facilities for women students registered in Trinity College.

Library

The college library in the main quadrangle holds 110,000 volumes. Students also have use of other University of Toronto libraries.

Programs and Degrees

For arts and science programs, one full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) As offered by University of Toronto. See separate chapter.

Commerce

Bachelor of commerce (BCom) As offered by University of Toronto. See separate chapter.

Science

Bachelor of science (BSc) As offered by University of Toronto. See separate chapter.

Theology (Faculty of divinity a member of the Toronto School of Theology) Degrees are awarded conjointly by University of Toronto and by Trinity College.
Licentiate in theology (LTh) Three years from first degree.
Master of divinity (MDiv) Three years from first degree.
Master of theology (MTh) At least one year from MDiv.
Doctor of theology (ThD) At least two years from MDiv.
Doctor of ministry (DMin) At least two years from MDiv.

Continuing education

Arts, commerce and science, refer to University of Toronto. There is no extension program in divinity.

Admission Requirements

Arts, commerce, science, same as for University of Toronto. See separate entry. Theology students must normally have obtained first degree.

Costs (1985-1986)

Tuition and incidental fees: University and college per year (including student fees): arts, science, and commerce, $1,554 ($4,924 for visa students). Divinity: tuition and incidental fees (including student fees), $1,517 ($5,237 for visa students).

Residence: Room and board per year $3,718.

All fees subject to change without notice.

*** Ordinary member, AUCC. Federated with University of Toronto. Holds in abeyance its degree-granting powers in faculty of arts during term of federation with University of Toronto.**

Academic Year

Mid-September to early May.

Grading System

Arts, science, commerce: as for University of Toronto. Divinity: A, 80%; B + , 76-79%; B, 70-75%; C, 60-69%; D, 50-59%; F, below 50%. Overall C average required with no subject under D in basic degree course.

Student Aid

The college offers admission and in-course scholarships. Students in arts, science and commerce also eligible for University of Toronto admission and in-course scholarships. Both University of Toronto and Trinity College admission scholarships in arts, science and commerce are described in admission awards calendar of the University of Toronto, available in office of student awards, University of Toronto. Awards in faculty of divinity described in calendar of that faculty.

The college maintains a substantial bursary and loan fund and offers six graduate fellowships providing free room and board in residence for one year for men and women pursuing graduate studies at University of Toronto. Application must be made to the registrar before February 1.

Student Life and Services

All students are members of the Joint College Meeting whose executive is the board of stewards. Membership fees are included in compulsory college fees.

Full room and board is available for 210 men and 190 women.

Services provided for students include a buttery, lockers for non-resident students, a dramatic society, a playing field, games rooms, a literary institute, common rooms, debating, publications, athletic associations and a chapel.

The health and psychiatric services of the University of Toronto are open to Trinity students.

Personal counselling is provided by the registrar's office and by senior fellows of the college.

Constituent College

St. Hilda's College, University of Trinity College, Toronto, Ontario M5S 2E2 Telephone, (416) 978-3562. Founded in 1888. Residence for women students at Trinity College. Dean: E.M. Rowlinson, BSc, MA, PhD

Trinity Western University*

General Information

Address: 7600 Glover Road, Langley, British Columbia
V3A 4R9
Telephone: (604) 888-7511

President: R. Neil Snider, BA, BEd, MEd, PhD

For a complete list of Trinity Western faculty, see the Trinity Western calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, R. Orville Lyttle, BA, MA, MEd

Director of admissions: James Cunningham, BRE, MSc, EdD

Enrolment (1985-1986):

Full-time undergraduate:	836
Part-time undergraduate:	127

Full-time faculty (1985-1986): 37

Total income (1984-1985): $7,092,000

General operating fund income	('000)	
Fees	$ 2,432	34.3%
Gifts	955	13.5%
Miscellaneous	73	1.0%
Sub Total	$ 3,460	48.8%
Other funds income		
Ancillary enterprises	$ 3,000	42.3%
Special purpose and trust	632	8.9%
Sub Total	$ 3,632	51.2%
TOTAL	$ 7,092	100%

History and Governance

Trinity Western was founded in 1962 as a two-year Christian liberal arts institution under the name "Trinity Junior College". In 1972 the name was changed to Trinity Western College. In 1977 the provincial statute under which Trinity Western operates was amended to allow for a four-year university program. In 1970 it was again amended to allow the university to grant baccalaureate degrees. The first students to receive such degrees graduated in April, 1980. In 1985 the name was changed to Trinity Western University by provincial statute.

Trinity Western is a co-educational institution committed to historic orthodox Christianity as expressed in the official Statement of Faith of the Evangelical Free Church. It is governed by a 21-member Board of Governors, with 14 members elected by the Evangelical Free Church and the remaining seven appointed by the elected members. The President's Advisory Council consists of the President, the Chairman of the Board, and members appointed by these two and the Board to provide a broad range of expertise. The 16-member Academic Council acts as an academic senate.

Buildings and Grounds

The 100-acre Trinity Western campus is located in the Fraser Valley of British Columbia, 45 minutes' drive from downtown Vancouver and 120 miles from Seattle. The campus includes residences, lecture halls, classrooms and laboratories, administrative offices, a dining commons, faculty offices, a chapel, library and several auxiliary enterprises including a print shop and bookstore. Most buildings are accessible to the disabled, and adequate parking space is available. Students who do not have their own cars can arrange transportation off-campus with other students, or with faculty or staff. The university usually provides, at minimal cost, transportation for events and activities. Transportation to local bus, airline and rail terminals at the beginning and end of the year, and before and after the Christmas Break is also provided.

The gymnasium/auditorium is the largest in the Fraser Valley, and together with the playing fields (soccer, rugby, baseball, flag football), tennis courts and a 5 km fitness trail, provides for a wide range of athletic activities. Swimming pools and ice-skating rinks are accessible in nearby facilities.

Libraries

The Vernon Strombeck Library contains more than 65,000 bound volumes, 21,600 titles on microform, 350 periodical subscriptions and 8,000 audio visual pieces for a total of 91,600 bibliographic items.

Programs and Degrees

BA and BSc degrees require four years from senior matriculation unless otherwise specified, for a minimum total of 122 semester hours.

The BEd degree requires five years from senior matriculation for a total of 157 semester hours, offered in conjunction with the Professional Development Program of Simon Fraser University's Faculty of Education.

The Associate of Arts diploma requires a minimum of 62 semester hours of university-level studies and completion of at least one year (or its equivalent) of full-time resident study, with a minimum of 24 semester hours completed at Trinity Western.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Business

Bachelor of Arts in Business Administration

Education

Bachelor of Education in Secondary Education with Academic Teaching Major
Bachelor of Arts in Elementary Education

Fine Arts

Bachelor of Arts in Fine Arts
Bachelor of Arts in Music

Humanities

Bachelor of Arts in English
Bachelor of Arts in Humanities
Bachelor of Arts in Philosophy

Natural Sciences

Bachelor of Science in Biology
Bachelor of Science in Chemistry
Bachelor of Science in Applied Mathematics/Computer Science
Bachelor of Science in Natural Sciences

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*Ordinary member, AUCC.

Physical Education
Bachelor of Arts in Physical Education

Religious Studies
Bachelor of Arts in Biblical Studies
Bachelor of Arts in Christianity and Culture (Pre-Seminary)
Bachelor of Arts in Cross-Cultural Studies/Linguistics

Social Sciences
Bachelor of Arts in Geography
Bachelor of Arts in History
Bachelor of Arts in Psychology
Bachelor of Arts in Social Sciences

Special programs and continuing education

Aviation
Associate of Arts (two-year) diploma in Aviation.

Human Services
The Human Services Program (HSP) is available as a concentration in the Social Sciences Division (30 semester hours).

Graduate Institute for Christian Ministries
In cooperation with Northwest Baptist Theological College and Seminary, Trinity Western offers a flexible program of studies for Pastors and full-time Christian workers, leading to the M. Min degree.

Pre-professional
In addition to major programs, the following pre-professional programs are offered:
Pre-Dentistry, Pre-Medicine, Pre-Engineering, Pre-Veterinary Medicine, and Pre-Seminary, as well as first-year studies for Agriculture, Law and Pharmacy.

Continuing education
Credit courses: part-time in fall and spring semesters, May "Interweave" and summer sessions, including programs in Education for Christian School Teachers (Trinity Western is a member of the Association of Christian Schools International [ACSI]).

Non-credit courses: evenings and weekends. Conference programs: Saturdays and summers.

For further information contact:
Office of Continuing Education
Trinity Western University
7600 Glover Road
Langley, British Columbia
V3A 4R9
(604) 888-7511

Admission Requirements

Undergraduate
British Columbia: Completion of Grade 12 or equivalent with a university preparatory program and recommended overall average of C+ in Grades 11 and 12. Borderline or exceptional applicants are assessed individually by the Admissions Committee.

Other Provinces: Equivalent requirements are necessary for applicants from other Canadian provinces: completion of Grade 12 for the Yukon Territories and all provinces except Ontario, Prince Edward Island and Quebec.

Ontario: Grade 13 with validation of up to 18 hours of credit based upon a minimum of 65 per cent in the courses being validated, or Grade 12 Advanced Level with a minimum 70 per cent average.

Prince Edward Island: successful completion of the first year of studies at the University of Prince Edward Island.

Quebec: successful completion of the first year of a CEGEP program in academic subjects.

Transfer students
Requirements are equivalent to those for first-year applicants, plus official transcripts from each post-secondary school attended, with a minimum grade average of C— (1.7 grade point average). The maximum number of hours accepted from recognized universities for transfer credit is 75. Students from other institutions (Institutes of Technology, Bible colleges, or other colleges) may receive university credit for work that is acceptable.

Mature students
Applicants 21 years of age or older who have been out of school for at least one year and who do not fully meet the standard academic requirements are assessed on an individual basis. They may be required to write SAT, ACT, GED (General Educational Development) or CLEP (College Level Examination Program)

Senior citizens
Senior citizens, 65 or over, are welcome to attend classes (no tuition fees) when space is available.

Foreign Students
Documents in languages other than English must be accompanied by certified translations. Applicants whose native tongue is not English are normally required to present a Test of English as a Foreign Language (TOEFL) score of at least 550.

The International Baccalaureate, with at least two subjects at the higher level, will be considered, with a maximum of 18 possible semester hours of advanced credit granted (higher level courses only).

U.K. and Commonwealth: General Certificate of Education, with standing in five subjects, of which at least two are at the Advanced (or Higher) level.

U.S.A.: Academic graduation supported by college entrance tests (i.e., either SAT or ACT).

Hong Kong: GCE, Hong Kong Certificate of Education (English), or Hong Kong University matriculation (Advanced level) in at least five subjects, including two at the Advanced level. Hong Kong Chinese University first-year standing with courses appropriate to proposed university program.

India and Pakistan: BA or BSc (First or Second Division)
Note: There is presently no foreign student tuition fee differential at Trinity Western University.

Application Deadlines

Prospective students should apply six to eight months in advance. Applications will be accepted during the summer months immediately preceding the academic year for which application is being made, provided that all official documentation and references have been received at Trinity Western by the beginning of the semester. Transfer students from other institutions are encouraged to apply at least three months before the start of the semester of attendance to permit adequate time for faculty evaluation of transcripts.

Costs (1986-1987)

Full-time students (12-19 semester hours/semester), $1,832 per semester

Part-time students (4-11 semester hours/semester), $122 per semester hour
Continuing Education students (1-3 semester hours/semester), $61 per semester hour
Auditors (for non-activity, non-laboratory courses only, except summer course offerings), $41 per semester hour

Residence: Food service and residence halls (per semester), $1,524 per semester. Married students' apartments variable depending on apartment size.

Academic Year

Fall semester: beginning of September to mid-December
Spring semester: beginning of January to the end of April

Grading System

Trinity Western uses a letter-and-grade-point system, as follows;

First Class: A— to A+, 3.70 to 4.30; Second Class, B— to B+, 2.70 to 3.30; Average, C— to C+, 1.70 to 2.30; Below Average, D— to D+, 0.70 to 1.30. For all degrees and the A.A. diploma, a minimum GPA of 1.70 is required.

Student Aid

The financial aid program includes scholarships, bursaries, loans (Canadian or U.S. government), and campus employment opportunities. Factors considered in making awards include: academic achievement; student need; involvement in school, community and church activities; evidence of student effort at self-help through summer and part-time employment. Only full-time students are eligible for grant assistance.

Applications for scholarships and bursaries must be made by August 1 for the fall semester and by December 1 for the spring semester.

For current information, contact: Financial Aid Officer, Trinity Western University, 7600 Glover Road, Langley, British Columbia, V3A 4R9. Telephone: (604) 888-7511

For the information about on-campus employment, contact the Job Placement Coordinator at the same address and telephone number.

Student Life and Activities

Elected by the students, the Student Council, with the assistance of its advisor, gives direction to extra-curricular activities. It also functions as a liaison between students and other members of the campus community. It sponsors committees open to participation by all students, including: cultural, publicity, social, and sports.

In addition, there are freshman through senior class committees, a commuter committee, and committees for the Pillar (yearbook) and Trinity Western Today (campus newspaper, published fortnightly).

The Student Centre houses Student Affairs offices, including Financial Aid, Student Housing and Auxiliary Services, Career Education and Placement, the Campus Pastor, Campus Doctor and Nurse, the cafeteria-style dining commons, a snack bar and bookstore.

Student recreational activities include camping, mountain-climbing, ski trips.

University teams (the TW Spartans) compete in intercollegiate tournaments. As members of the Totem Conference (affiliated with the Canadian College Athletic Association), Trinity Western teams compete in basketball, hockey, soccer and volleyball.

Intramural sports include tennis, volleyball, cross-country skiing, badminton, table tennis, basketball, European handball, football and softball. The 5km fitness trail that encircles the campus is used for team workouts as well as individual fitness programs.

A student-organized music program coordinates with the Fine Arts Division to present public performances by the music and vocal ensembles and the pep band. Vocal ensembles also perform in regular concert tours.

The Drama Department produces two major theatrical presentations each year, open to the public.

Residence facilities can accommodate up to 640 students in separate men's and women's dormitory-style residence halls, plus married and seniors apartments. All single students are expected to live in residence unless living with their parents. Students 21 or over may apply for permission to live off-campus.

Counsel and support are built into the structure of community life. Each student is part of a small support group of about 20 students: residences are divided into units with Resident Assistants (upperclassmen or women), trained in leadership skills, who are responsible to develop a community atmosphere. RAs receive leadership from full-time Resident Directors on staff. RD's are responsible through the Director of Community Life to the Vice-President of Student Affairs.

The Career Education and Placement Office offers self-assessment workshops, skill testing, and counselling in occupational values clarification, interest identification, personality traits, skills and abilities. The Counselling Centre offers fee-based professional psychological counselling.

Medical Services

Students not covered by a hospital and medical plan in their home countries (including the U.S.) will be required to participate in such a plan, available through the university. Canadian residents are required to provide their own medical coverage.

University of Victoria*

General Information

Address: P.O. Box 1700, Victoria, British Columbia
V8W 2Y2
Telephone: (604) 721-7211
Telex: 049-7222

President: H.E. Petch, BSc, MSc, PhD, LLD, DSc, FRSC

For a complete list of University of Victoria faculty, see the Victoria calendar or the *Commonwealth Universities Yearbook*.

Enquiries and high school liaison: Direct enquiries concerning: undergraduate admission to D.A.C. Glen, Director of Admission Services, except for law, contact the office of the Dean of Law; graduate admission, Faculty of Graduate Studies.

Enrolment (1985-1986):
Full-time undergraduate: 6,255
Part-time undergraduate: 3,454
Full-time graduate: 582
Part-time graduate: 355

Full-time faculty (1985-1986): 485

Total income (1984-1985): $97,087,000

General operating fund income

	('000)	
Government grants	$ 51,133	52.7%
Fees	11,590	11.9%
Miscellaneous	2,434	2.5%
Sub Total	$ 65,157	67.1%
Other funds income		
Ancillary enterprises	$ 8,316	8.6%
Special purpose and trust	5,208	5.3%
Sponsored research	7,656	7.9%
Plant	10,750	11.1%
Sub Total	$ 31,930	32.9%
TOTAL	$ 97,087	100%

History and Governance

The University of Victoria can trace its history to July 24, 1902, the founding date of Victoria College. After a sixty-year period of eminent success as an affiliate of McGill University and The University of British Columbia , Victoria College became the autonomous University of Victoria on July 1, 1963.

Between 1903 and 1915, McGill University courses in arts and science were offered at the first- and second-year levels. Administered locally by the Victoria School Board, the college was an adjunct to Victoria High School, and shared its facilities. The opening in 1915 of The University of British Columbia obliged the college to suspend operations in higher education in Victoria.

When Victoria College was reborn in 1920, in affiliation with The University of British Columbia, it was completely separated from Victoria High School, occupying from 1921 to 1946 the magnificent Dunsmuir mansion known as Craigdarroch Castle. In 1946 the college was forced by post-war enrolment to move to the Lansdowne campus of the Provincial Normal School, an institution that was to merge with Victoria College in 1956 as its faculty of education. Following World War II, there was also a change in academic governance, with the creation of a Victorian College Council that was representative of the parent University of British Columbia, the Greater Victoria School Board, and the provincial Department of Education. The years 1956 to 1963 witnessed the transition from two-year college to university. Through the cooperation of the Department of National Defence and the Hudson's Bay Company, a 385-acre campus at Gordon Head was acquired. Academic expansion was rapid after 1956, until in 1961 Victoria College, still in affiliation with The University of British Columbia, awarded its first bachelor's degrees.

The university is coeducational and non-denominational. It is governed by a 15-member board of governors and a senate.

Buildings and Grounds

The university is located within the Greater Victoria metropolitan area (population 235,500) on the south-east tip of Vancouver Island. The institution is close to the Pacific Naval Laboratories, the Provincial Archives, the Institute of Marine Sciences, the Dominion Astrophysical Observatory, and a federal research laboratory for forest products. In the city of Nanaimo, 112 km to the north of Victoria, is the federal biological station. The university also possesses an astrodome and computing centre.

Apart from ancillary teaching and research installations, the university has ten permanent buildings for academic purposes in addition to an administrative centre, a student union building, a campus services building, sixteen residence buildings, a physical training and recreation facility, a stadium, a gymnasium, and playing fields.

Libraries

There is a main library containing more than one million volumes, a curriculum library, and a map library in the geography department.

Programs and Degrees

Bachelor's degrees require four years (60 credits) beyond BC grade 12 unless otherwise specified. Master's degrees require minimum 15 units or one full winter session beyond BA/BSc unless otherwise specified. Doctorates require minimum two full winter sessions beyond MA/MSc or three full winter sessions beyond BA/BSc unless otherwise specified.

The basic measure of course credit is known as a unit and normally consists of one lecture hour a week (or a laboratory period of approximately two or three hours each week) throughout the Winter session. A three-unit course (three hours of lectures per week) approximates a six semester hour or a nine quarter hour course.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA)
Master of arts (MA)
Doctor of philosophy (PhD) Thesis required.

Education

Bachelor of education (BEd) Five years from BC grade 12. Prepares elementary and secondary school teachers.

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* Ordinary member, AUCC

Post-degree professional program. Two years following degree in a faculty other than education. Elementary and secondary, leading to certification after one year and a Bachelor of education (BEd) after two years.
Bachelor of arts (BA) and Bachelor of science (BSc) (in human performance).
Bachelor of arts [BA (in leisure studies)]
Master of arts (MA) Minimum 18 units or one full winter session.
Master of education (MEd) Minimum 18 units.
Doctor of philosophy (PhD)

Engineering
Bachelor of engineering (BEng) Five years from BC grade 12 (8 academic terms and 6 Coop Work terms). Computer engineering, electrical engineering only.
Master of Applied Science (MASc)
Master of Engineering (MEng)
Doctor of Philosophy (PhD)

Fine arts
Bachelor of arts (BA)
Bachelor of fine arts (BFA)
Bachelor of music (BMus)
Master of arts (MA)
Master of fine arts (MFA)
Master of music (MMus)
Doctor of philosophy (PhD) Thesis required.

Human and social development
Bachelor of arts (BA) (in child care)
Bachelor of science in nursing (BSN) Two years following RN.
Bachelor of science (BSc) (in health information science)
Bachelor of social work (BSW)
Master of public administration (MPA) Minimum 18 units at the graduate level.

Law
Bachelor of laws (LLB) Minimum three full winter sessions.

Science
Bachelor of science (BSc)
Master of science (MSc)
Doctor of philosophy (PhD)

Special programs
Cooperative programs: Cooperative programs in several departments, providing work terms in industry, business, and government. Interdisciplinary BA in Pacific studies. Interdepartmental program in environmental studies, certificate program in native Indian languages and diploma in public sector management, in library science and in cultural conservation.

Continuing education
A substantial number of courses are offered on campus in late afternoon and evening to accommodate adult students, particularly teachers. Evening courses are also scheduled in several other centres on Vancouver Island and in the interior of the Province. Six-week summer session (July and August). Courses are also offered in May through June and May through August.

Bilingual studies: A French-language diploma program, offering five integrated courses designed to develop a level of language competence functional throughout Canada, is available. La maison française, a course of practical studies in French language, is offered annually in July and August. A certificate program, in computer based information systems, is also offered.

Admission Requirements

Undergraduate
British Columbia: Graduation from BC senior secondary school with overall average of at least C+. Specific courses are required. Prospective applicants should write to Admission Services and request a copy of the Admissions Handbook.

Other provinces: Students from outside BC must meet requirements for university admission in own province. The following requirements apply to Alberta, Saskatchewan, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Prince Edward Island, the Northwest Territories: Grade 12 graduation with a minimum average equivalent to the British Columbia C+. Ontario: Either a 65% average on full Grade 13, completed within one year, or a 70% average in Grade 12 on the 5-year Arts and Science program. Quebec D.E.C. (diploma) on completion of the two-year academic course of studies at a CEGEP (college). (In general, this grants placement in second year; applicants may be considered for admission to the first year following completion of two semesters at a CEGEP.)

Note: Applicants seeking admission to the faculty of law must satisfactorily complete at least three years of an approved program leading to a degree at a recognized university.

Mature students
Persons living in BC who are at least 21 years of age may qualify as mature students. Senate committee deals with applications on individual basis.

Senior citizens
Students 65 years of age and over are expected to meet normal admission requirements of those of mature students.

Individuals wishing to audit courses are not required to meet admission requirements.

Graduate
Academic standing acceptable to the faculty and the department. Generally, this will be a baccalaureate degree or equivalent, with B average (70-74 per cent) in last two years of study.

Foreign Students
Students whose mother tongue is not English must undertake the Test of English as a Foreign Language (TOEFL) and obtain a score of at least 575.

Evaluation in terms of normal requirements for Canadian students.

UK, West Indies, East and West Africa: GCE in five 0-level subjects with three at A-level or equivalent. An average of "C" on three A-level required. No "E" grades acceptable.

Hong Kong: Hong Kong University matriculation equivalent to UK GCE.

Other: Applicants presenting international baccalaureate eligible for admission with advanced standing.

Medical requirement: A physician's report is required of all students entering physical education. Costs must be borne by student. As registration requirement, non-residents of Canada required to produce evidence of adequate sickness and hospital insurance coverage. All students are required to have adequate medical coverage.

Application Deadlines

Applications for admission and supporting documents should be submitted to the university as early as possible. Students applying to nursing, before January 31; to professional year in education and social work, February 28; to law, health information science and child care, before March 31; to education (except professional year), engineering, graduate studies May 31; to other undergraduate programs, before July 15; foreign students, by May 31. Graduate students, before May 31 of year in which admission is sought.

Costs (1985-86)

Tuition: Undergraduate (except law) $86 per unit; law, $1,650 per year. Graduate: $184 per unit (maximum $1,656 per year) (Visa students: 1.75 times rates shown above).

Senior students may audit courses for $14 per unit undergraduate courses), $31 (graduate courses).

A full-time student is one enrolled in 12 units or more per year. A part-time student is enrolled in less than 12 units per year.

Residence: room and board double, $2,491-2,891; single, $2,842-3,242.

Student society fees: undergraduate $55; graduate $30.

Miscellaneous: athletic and recreation fee, $16 (compulsory). Students from outside BC must pay evaluation fee of $35 when presenting credentials. Students seeking admission to the faculty of law must pay an application fee of $25.

Fees subject to change without notice.

Academic Year

Winter session: early September to end of April. Summer studies: May-August, including summer session from early July to mid-August.

Grading System

Marks are classified as follows: first class, A+, A, A—; second class, B+, B, B—; pass, C+, C, D; E (conditional supplemental); F (no supplemental).

Student Aid

The government of British Columbia provides loans and other awards to students of the province. The university distributes undergraduate scholarships, graduate fellowships, assistantships, and other awards annually to its leading scholars. In addition, loans with a deferred payment plan are available in case of need. Unexpected financial need can be met through the university's rotating loan fund, and the federal Canada Student Loans Plan is also available to students. For further information, students should contact Student Financial Aid Services on campus, (604) 721-8423.

Student Life and Services

The Alma Mater Society is the recognized means of communication between undergraduate students and the faculty, the administration, and the outside community and provides the services of a student ombudsman. The Graduate Students' Society exists to encourage participation in the intellectual, cultural and social affairs of the university. Students serve on most university committees concerned with academic policy and on the board of governors and senate.

There are approximately 60 student clubs on campus. There is also a university chorus, concert band, and other musical and performing groups. The climate and university grounds lend themselves to many outdoor activities throughout the year.

The university provides accommodation for approximately 1102 students in residences located on campus. A registry of off-campus accommodation is maintained by the university housing service.

The university maintains a health service for the benefit of students who may require medical care and advice. All students are required to have medical insurance.

Most buildings are accessible to handicapped students, and there is a program of assistance provided by a number of staff and students. Handicapped students should make themselves known to Counselling Services on campus for assistance. Details regarding facilities for the handicapped are outlined in a pamphlet, available from Admissions Services.

There are four day care centers on campus for the use of students, faculty and university employees. Three of the centres are operated on a co-operative basis, and are restricted to children two to five years of age. One facility provides after school and school closure services for children four to twelve years of age. For further information, contact the Co-ordinator, Day Care Services (604) 721-8500.

Each of the undergraduate faculties provides an academic advising service for students at the undergraduate level. The counselling service offers educational and vocational counselling as well as personal counselling and is authorized to administer a wide range of tests. Campus chaplains are also available.

A student placement office operated by the Canada Employment Centre and located on campus assists students seeking part-time employment while at university and full-time employment at graduation, as well as career information and counselling.

Research Centres

Centre for Public Sector Studies. Director: J.J. McRae, BA, MA, PhD

Centre for Speech Technology Research. Director: B.C. Dickson, BA, MA

Lexicographical Research Centre. Director: H.J. Warkentyne, BA, MA, PhD

Victoria University*

General Information

Address: 73 Queen's Park, Toronto, Ontario M5S 1K7
Telephone: (416) 978-3801
Telex: 022-891

President and Vice-chancellor: G.S. French, CD, MA, PhD

For a complete list of the Victoria University faculty, see the Victoria calendar or the University of Toronto in the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, K.R. Thompson, AM

Enrolment (1985-1986):

Full-time undergraduate:	2,435
Part-time undergraduate:	614
Full-time graduate:	119
Part-time graduate:	43

Full-time faculty (1985-1986): 99

Total income (1984-1985): $16,196,000

General operating fund income	('000)	
Government grants	$ 2,545	15.7%
Fees	3,837	23.7%
Miscellaneous	2,078	12.8%
Sub Total	$ 8,460	52.2%
Other funds income		
Ancillary enterprises	$ 2,723	16.8%
Special purpose and trust	4,754	29.3%
Plant	259	1.6%
Sub Total	$ 7,736	47.7%
TOTAL	$ 16,196	100%

History and Governance

Originally established as the Upper Canada Academy at Cobourg, Ontario in 1836, degree-conferring powers were granted by the provincial legislature in 1841 and the name of the institution was changed to Victoria College. When the faculties of medicine, law and theology were added to the original faculty of arts, the institution became Victoria University, comprised of Victoria College and Emmanuel College (formed by the union of the Victoria University faculty of theology with Union Theological College). In 1892, having entered into federation with the University of Toronto, Victoria moved to Toronto and agreed to hold in abeyance its power to grant degrees except in theology. Victoria College is part of the faculty of arts and science of the University of Toronto and students receive their degrees from the University of Toronto.

In 1928, by an act of the provincial legislature, Victoria University received an amended charter by which it continues in federation with the University of Toronto and in connection with the United Church of Canada.

Victoria University is a provincial, co-educational institution. Victoria College does not impose religious tests or requirements. Emmanuel College gives professional training to candidates for the ministry of the United Church of Canada as well as academic instruction to other students. Both colleges are under the control of a single 49-member board of regents and one senate.

Buildings and Grounds

The university is situated on a 15-acre campus in the northeast corner of Queen's Park in Toronto, the provincial capital. There are three classroom buildings, a library, staff houses, a gymnasium, students' union, and cafeteria.

Library

The library contains 210,000 volumes and 750 periodical subscriptions. *Special collections:* Special collections include Canadiana, Coleridge, Tennyson, Wesleyana, Woolf, the E.J. Pratt manuscripts, Baxter Prints. Centre of Reformation and Renaissance Studies, 16,000 volumes; Erasmus and Renaissance humanism are special features.

Programs and Degrees

For BA, BCom, and BSc, programs are as offered at University of Toronto.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA)

Commerce

Bachelor of commerce (BCom)

Science

Bachelor of science (BSc)

Theology

Licentiate in theology (LTh) One year arts plus three years theology.
Master of religious education (MRE) Two years from BA.
Master of divinity (MDiv) Three years from BA.
Master of theology (ThM) One year plus thesis from MDiv.
Doctor of theology (ThD) Two years plus thesis from MDiv.
Doctor of ministry (DMin) Two years plus project from MDiv.

Admission Requirements

As for the University of Toronto. Master of divinity at Emmanuel, first degree from recognized university required.

Costs (1985-1986)

Victoria: $1,495, visa students $2,815, new visa $4,865. Full-time fees at Emmanuel: $1,125, visa students $2,740, new visa students $5,010, incidental fees $127.90; degree fees $105.

Residence: women: $3,180; men: $3,350.

All fees subject to change without notice.

Academic Year

Mid-September to early May.

Grading System

Same as for the University of Toronto.

Student Aid

Victoria College offers 63 admission scholarships, plus some 100 in-course scholarships, prizes and medals, plus college bursaries. Emmanuel College offers some 50 scholarships, plus college bursaries.

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* Ordinary member, AUCC. Federated with the University of Toronto.

For further information, students should contact the Student Awards Officer, (416) 978-4048.

Student Life and Services

The 15 members of the Victoria University Students Administrative Council are elected by all the undergraduates of both Victoria and Emmanuel Colleges. The council provides financing for the clubs and organizations at Victoria University, offers social and educational programs, chooses student representatives for various committees, and speaks for the students at large on issues of educational and social concern.

Victoria College has a strong athletic program for both men and women, and an active musical theatre group. In addition, there are the French, German, debating, and photography clubs, a student newspaper and a student literary publication. For politically minded students the students' council offers an opportunity for participation in the running of the college.

Accommodation for 254 men and 268 women is available.

University of Waterloo*

General Information

Address: Waterloo, Ontario N2L 3G1
Telephone: (519) 885-1211
Telex: 069-55259

President and Vice-chancellor: D.T. Wright, BASc, MS, PhD, DEng, LLD, DSc, LHD, PEng

For a complete list of University of Waterloo faculty, see the Waterloo calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, C.T. Boyes, BA

Enrolment (1985-1986):

Full-time undergraduate:	14,540
Part-time undergraduate:	9,367
Full-time graduate:	1,289
Part-time graduate:	487

Full-time faculty (1985-1986): 780

Total income (1984-1985): $190,414,000

General operating fund income	('000)	
Government grants	$ 89,380	46.9%
Fees	20,556	10.8%
Miscellaneous	3,745	2.0%
Sub Total	$113,681	59.7%
Other funds income		
Ancillary enterprises	$ 19,951	10.5%
Special purpose and trust	17,559	9.2%
Sponsored research	29,168	15.3%
Plant	10,055	5.3%
Sub Total	$ 76,733	40.3%
TOTAL	$190,414	100%

History and Governance

Classes commenced at the University of Waterloo in July 1957 with the introduction of the cooperative engineering program. In March 1959, a private bill was approved by the legislative assembly of the province of Ontario incorporating the university as a degree-granting institution.

The University of Waterloo is a non-denominational, coeducational institution. Under the terms of the University of Waterloo Act of 1972, it is governed by a 36-member board of governors and a 79-member senate.

Buildings and Grounds

The 1,000-acre campus is located in the city of Waterloo which, with its twin city of Kitchener, has a combined population of approximately 200,000. The campus includes buildings for engineering, science, mathematics and computer studies, humanities, environmental studies, human kinetics and leisure studies, optometry, academic services, administration, psychology, and sociology, as well as physical activities buildings and facilities, including an ice arena, an arts lecture hall, libraries, two theatres, a student campus centre and federation hall, a health services building, food services facilities, a bookstore, a university club, and a graduate club.

All buildings on campus are accessible to students in wheelchairs.

Libraries

There are three centres for library services and study on campus. These include the Dana Porter library, which houses 2.3 million items including books, periodicals, pamphlets, theses, microforms, documents, reports, sound recordings and other materials; the engineering, mathematics and science library which houses over 400,000 items including books, journals, government publications, technical reports, microforms, documents and maps; and the university map and design library, holding more than 95,000 items including maps, air photographs, books, theses and periodicals.

Special services for the handicapped include a brailler and four-track cassette recorder and playback units which are available for the visually handicapped. The Library can also provide access to talking book material through the W. Ross MacDonald School in Brantford. All libraries are accessible by wheelchair.

The Community Access Module (CAM), an extension of the circulation system provides library users at remote locations with access to the Library's on-line database by author, title or call number.

The Library's on-line circulation control system records the loan of material to library borrowers.

Special collections: Euclid's Elements and history of mathematics
B.R. Davis "Southey" Collection
Eric Gill Collection
Crapo Dance Collection
Lady Aberdeen Library of the History of Women
Santayana Collection
John Herbert Papers
Private Presses (Dolmen, Nonesuch, Golden Cockerel).

These special collections are housed in the Doris Lewis Rare Books Room (Dana Porter Library).

Systems of Study

Each faculty has undergraduate degree programs that follow the 'regular' and/or the 'cooperative' system of study. Some programs are offered under one system only while others are offered under either. Students choosing the regular system follow the traditional eight-month academic year from September to April. The length of time needed to obtain the degree will be three or four academic years, depending on the program. Students following the cooperative system of study alternate academic terms on campus with work terms off campus in business, industry or government. Each term is usually four months long. The work term is intended to complement academic studies and provides the student with an opportunity to gain experience in various career areas. Usually, four and two-thirds calendar years are required to complete the undergraduate co-op degree program. Registration in cooperative programs is limited to Canadians and permanent residents.

Programs and Degrees

Unless otherwise specified, a general bachelor's degree requires three academic years of study from secondary school and an honours bachelor's degree (regular system) four academic years from secondary school. An honours bachelor's degree (cooperative system) requires four and two-thirds years of study. A master's degree requires a minimum of one academic year from an honours bachelor's degree or equivalent except in clearly identified two-year master's programs. The master of philosophy is a scholarly degree intermediate between the MA and PhD. Candidates must normally have an honours bachelor's degree for admission to the MPhil program. Requirements for the MPhil are satisfied when candidates have completed twelve term-courses and have presented and defended a thesis. The doctorate requires a minimum period of two years from a master's degree or three years from an honours bachelor's degree unless otherwise specified.

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*Ordinary member, AUCC

A credit weight of 0.5 is normally assigned to a 13 week (one term) course. Most courses have credit weights of 0.5, but some have other weights such as 0.25, 1.0, 2.0. However, the systems used to specify the number of courses that a student must take to satisfy minimum degree requirements differ from program to program and from faculty to faculty.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Architecture

Bachelor of environmental studies (BES) Pre-professional architecture. Three and two-thirds years in length. Cooperative program only.
Bachelor of architecture (BArch) Professional architecture. Two and two-thirds years following completion of the BES. Cooperative program only.

Arts

Bachelor of arts (BA) General and Honours. Regular (three or four-year) and Honours cooperative (four and two-thirds years) systems of study.
Master of arts (MA) Full-time and part-time study.
Master of accounting (MAcc)
Master of philosophy (MPhil)
Master of applied science (MASc)
Doctor of philosophy (PhD)

Engineering

Bachelor of applied science (BASc) Honours programs four and two thirds years. Cooperative system only.
Combined Bachelor's - Master's program
Master of applied science (MASc)
Doctor of philosophy (PhD)

Environmental studies

Bachelor of environmental studies (BES) Duration of program and system of study depend upon chosen area of specialization. Four-year honours program available in Geography, Urban and Regional Planning and Man-Environment Studies. Honours program available in regular or cooperative system. Three and four-year general program in regular system in Geography.
Master of arts (MA)
Doctor of philosophy (PhD)

Human kinetics and leisure studies

Bachelor of science (BSc) in kinesiology, health studies. Honours program available in regular or cooperative system.
Bachelor of arts (BA) in recreation and leisure studies. Honours program available in regular or cooperative system.
Bachelor of arts ((BA) in dance. Three-year general or four-year honours program in regular system.
Master of science (MSc)
Master of arts (MA)
Doctor of philosophy (PhD)

Independent studies

Students have the opportunity to create, structure and pursue their own studies using the resources of the university and the community. Studies may include any combination of independent research, course work, seminars, tutorials, special projects and field work. The degree is awarded on the basis of the recommendation of supervisors (including two university faculty) appointed by the Academic Board for Independent Studies to evaluate the student's program during a concluding two-term candidacy period. Applicants (with or without a formal educational background) are expected to show strong aptitude for self-direction and the ability to flourish in an unstructured academic setting.

Mathematics

Bachelor of mathematics (BMath) Pass degree program is three academic years in length and the general and honours programs are both four academic years in length. Honours and general programs are available on both the regular and co-op systems. The cooperative system requires four and two thirds years. The pass program is not available on the cooperative system.
Master of mathematics (MMath)
Master of philosophy (MPhil)
Doctor of philosophy (PhD)

Optometry

Doctor of optometry (OD) Honours professional program is four years in length. The minimum admission requirement is successful completion of at least one year of university-level science.
Diploma in optometric residency. Graduate program. Two years of full-time study.
Master of science (MSc)

Science

Bachelor of science (BSc) Three-year general programs and four-year honours programs. Honours cooperative programs, four and two-thirds years in length. Both regular and cooperative programs are available in biology, biochemistry, chemistry, earth sciences and physics. Regular programs are also available in psychology, and science and business.
Master of science (MSc)
Doctor of philosophy (PhD)

Continuing education

The university makes a special effort to encourage students of whatever age to work toward a degree or to take university credit courses for any purpose they may choose. No academic distinction is made between part-time and full-time students; grading practices and promotion policies are precisely the same. Further, an admission policy for mature students (those who have been away from formal education for a full two years and who do not meet the regular admission requirements) applies equally to both full-time and part-time students. The great majority of mature students are in part-time studies. Tuition is assessed as a fee per course.

On campus

Part-time students often enrol in classes scheduled in the evening or in late afternoon. However, if it is more convenient, part-time students are encouraged to enrol in daytime classes as well. Students may earn most degrees (the engineering degree is one exception) entirely through part-time studies or by a combination of part-time and full-time attendance. They may pursue their studies in the fall, winter, or spring terms or during the summer sessions.

Off campus
More than twenty credit courses a year are now offered at off-campus centres. Most of these courses meet one evening a week for three hours in the fall, winter, or spring terms. Students earning credit in these courses may, if they wish, apply them toward a degree with credits earned on campus or through correspondence.

Inquiries concerning part-time studies, off-campus courses, diploma programs and continuing education opportunities should be directed to the Part-Time Studies and Continuing Education office, (519) 888-4002.

Correspondence courses
The university operates one of the largest university-level correspondence programs in Canada. More than 300 university credit courses are offered during the fall, winter, and spring terms. Students may enter the program at the beginning of any of these terms. In working toward their degree, students may combine on-campus and off-campus courses with correspondence courses. Fees for correspondence courses are the same as for courses offered on and off-campus, except that a deposit is required on the audio tapes used for lectures and on other special materials that may be required.

Complete details about correspondence courses and application forms are provided in the correspondence program calendar. For further information contact the Correspondence office, (519) 888-4050.

Admission Requirements

Undergraduate Admission

Ontario: Completion of the Secondary School Honour Graduation Diploma (SSHGD) or Ontario Secondary School Diploma (OSSD) with a minimum of 6 Grade 13 or Ontario Academic Courses. Minimum average of 60% is required for consideration but higher averages may be required for admission to limited enrolment programs.

Other provinces: Equivalent requirements are necessary for applicants from other Canadian provinces. Applicants holding grade 12 certificates from British Columbia, Alberta, Saskatchewan, Manitoba, New Brunswick, Prince Edward Island, and Nova Scotia will be considered for admission. Applicants from Newfoundland must have completed year one at Memorial University. Quebec applicants require first year CEGEP or equivalent.

Mature Students
Those of mature age who have been away from formal education for more than two years and do not possess minimum requirements may apply for undergraduate admission as mature students. Applicants should attempt to obtain standing in at least one Ontario university-entrance level subject or its equivalent chosen to relate to the proposed university program. Applicants to programs requiring specific grade 13 subjects normally must have standing in these subjects to be considered for admission.

Senior students
Students over 65 years of age are expected to meet normal admission requirements or those outlined for mature students.

Graduate Students
Honours degree or equivalent. A full "B" standing or equivalent in undergraduate studies is required. A "B – "will not normally meet this requirement.

Foreign Students
Documents in languages other than English must be accompanied by certified translations. Applicants whose native tongue is not English may be required to take the Test of English as a Foreign Language. A test score of 600 is normally required for undergraduate applicants. TOEFL scores required for graduate applicants vary from faculty to faculty, and range from 500 to 600.
In addition, applicants to cooperative programs must have Canadian citizenship or permanent resident status before applying.

The Faculty of Mathematics has a foreign student quota of 5% for the freshman class and for upper year undergraduate limited enrolment programs.

UK, West Indies: Applicants must have five GCE subjects with two at advanced level or equivalent.

USA: High School Diploma with exceptionally high standing and Advanced Placement examinations in prerequisite subjects or first-year university standing in acceptable subjects from an accredited institution.

Hong Kong: GCE, Hong Kong Certificate of Education (English) or Hong Kong University Matriculation (advanced level) in at least five subjects including two at advanced level; Hong Kong Chinese University first-year standing with courses appropriate to proposed university program.

India: BA or BASc (1st or 2nd division).

Europe: Maturity or matriculation certificate.

Central and South America: First-year university with at least B – standing.

Francophone countries: Baccalaureate Passable

Other: Applicants submitting the international baccalaureate with passes in at least six subjects, three higher level and three subsidiary level, with a grade total not less than 28 will be considered for admission.

Application Deadlines

Application for admission should be made as early in the year as possible. Academic transcripts should be forwarded as soon as they are available. Admission cannot be granted until all documents are submitted and requirements are met. Foreign students must apply and submit all documents by June 1 for September admission. Those applying after this date cannot be guaranteed consideration. Canadian students wishing to begin in May must apply before March 1; those wishing to begin in July before June 1, in September before July 1, and in January before November 1. Applications and all supporting documentation should be received no later than May 1, for all year one limited enrolment programs; for architecture by March 15 and optometry by February 28.

Costs (1986-1987)

Tuition and incidental fees per 4-month term, undergraduate programs - Canadian citizens and permanent residents. Note: (r) designates regular system of study per year, (co-op) designates cooperative program.
Architecture: Year 1 $849.68; Upper years (c) $1,056.65.
Arts: accounting $795.18; (r) $770.18; accounting (c) $1,002.15; other (c) $977.15.
Engineering: (c) $1,132.65.
Environmental studies: (r) $792.93; (c) $999.90.
Human kinetics and leisure studies: (r) $770.68; (c) $977.65.

Independent studies: $750.68.
Mathematics: (r) and computer science major $865.68; other $820.68; (c) and computer science major $1,072.65; other $1,027.65.
Optometry: $848.68.
Science: (r) $794.68; (c) $1,001.65.

Part-time undergraduate, per term course - $141 plus computer service fee for part-time students: arts accounting $17.50; arts other $12.50; engineering $15; environmental studies $15; human kinetics and leisure studies $15; mathematics $15; science $15.

Full-time graduate per term for the first three terms of study: $528.33 plus computer fee.

Foreign student fee: Full-time undergraduate in Architecture, Engineering, or Optometry - Regular program fees are $3,884.50 per term plus the applicable computer service fees and incidental fees. Other programs - regular program fees are $2,383.50 per term plus the applicable computer service fees and incidental fees.

Full-time graduate: $2,633 per term plus the applicable computer service fee.

Incidental fees include athletics, health insurance, recreational facilities, Federation Hall, student societies and the student federation. (See following Table.)

Tuition fees are waived for students 65 years of age and over.

Full-time students are those enrolled in excess of two term courses; part-time students are enrolled in less than two term courses.

Incidental Fees

The following incidental fees are compulsory:

	Term
Intercollegiate Athletics	$21.75
Health Insurance	
– Regular	13.68
– Co-op	25.65
Recreational Facilities	10.00
Federation Hall	7.50

The following incidental fees must be paid on registration but are refundable on request from the organization within three weeks after the start of lectures for the term.

	Term
Student Society	
– Architecture	$ 5.00
– Arts	2.50
– Engineering	8.50
– Env. Studies	2.25
– HKLS	3.00
– Mathematics	5.00
– Optometry	4.00
– Science	4.00
Federation of students	13.75

Residence fees per four-month term: Double $1,595; single $1,715. Married student apartments - one bedroom $341 per month; two bedroom $373 per month.

All fees subject to change without notice.

Grading System

The university has a common grading system for all faculties. Under this system, grades for all courses appear on grade reports and transcripts either as one of 15 letter grades from A+ through F— or as numeric marks on a 100-point scale. Each faculty chooses one or the other; all departments within the faculty use the system chosen.

Student Aid

The university administers the Canada Student Loans Plan and the Ontario Student Assistance Program and has a number of entrance and upper year academic scholarships and several bursaries. Small loans on a short-term basis are also available for emergency situations. Information is available from the Student Awards Office. (519) 885-1211 ext. 3583

Student Life and Services

All undergraduate students are members of the Federation of Students and have the opportunity to participate in activities provided by the federation and its agencies. The objectives of the federation are to advance the interests and welfare of the students of the university; to represent students; to promote and maintain responsible student government; to encourage and coordinate student participation in cultural and social activities; and to maintain communication between the student body and the elected authorities of the university. An Office of Ombudsman was created by the Federation of Students to deal with enquiries, complaints or grievances primarily from members of the Federation. Among other services of the Federation of Students are the Birth Control Centre, Legal Resource Office & Women's Centre; many social, ethnic and political associations are accredited by the Federation. Some of the activities offered by the Federation are: Orientation, Homecoming, Winterfest as well as movies, pubs, and musical and dramatic productions throughout the year. More information is available in the Fed Office located in CC235.

All graduate students are members of the Graduate Student Association, an autonomous organization. Membership is compulsory until such time as a start-up loan from the university has been paid.

The Athletic Department operates a full program of interuniversity athletic activities. Both the women's and the men's teams compete in association with other Ontario universities to determine provincial and national champions. Over thirty-five programs are included in UW's interuniversity athletic competition. The Athletic Department also operates a very complete Campus Recreation program. This program is geared to the levels of the participants and offers over 100 various activities. All athletic programs are conducted in very modern, efficient facilities.

There are a number of student owned/operated organizations: *Imprint* is the newspaper of, by, and for the students, *WPIRG* (Waterloo Public Interest Research Group) is a student-funded environmental and social research group, and *Radio Waterloo* is the radio station owned and operated by the students.

Residence accommodation for men and women is provided on campus by the four church colleges associated with the university, the two non-denominational university residence villages and the Minota Hagey residence for graduate women. Residence accommodation for married students is also available in one- or two-bedroom apartments.

The university housing office maintains lists of room and board, apartments, houses, and shared accommodation available to students.

The Health and Safety Department is the Medical clinic, centrally located on campus. It provides comprehensive care to all students and emergency care to anyone on campus. Physicians, nurses and counsellors are on staff at the clinic which is open Monday to Friday from 8:30 a.m. to 5:00 p.m. Also provided is a 24-hour physician-on-call service. Physicians' fees at Health Services as well as laboratory work, x-rays, and most referrals are paid for by the Ontario Health Insurance Plan. The University provides a number of services for physically disabled persons. All buildings on the campus have at least one wheelchair accessible entrance and maps of wheelchair accessible routes around the campus are available. Most buildings have wheelchair accessible washrooms and telephones. The University residences provide accessible housing and students who have disabilities are given priority in acceptance into residence. Medical parking decals are provided by the Security Department for those who require accessible parking. A number of technical aids are available for use on campus. The University has Services for Disabled Persons (519) 885-1211 ext. 2993 to assist disabled students to access campus services and facilities, and to provide new items if deficiencies are detected.

Counselling Services has professionally trained counsellors who help students with educational and career decisions as well as personal and social concerns. Students may wish a private interview, which is confidential, or take part in a group programme. Among the groups offered are: relaxation training, assertion training, exam anxiety management, career planning, interview training, reading and study skills. The Counselling Services office is located in Needles hall, room 2080, extension 2655.

The Foreign Student Office provides information and assistance to foreign students in the areas of immigration laws, university and community services, personal problems, etc. Some of the special programs for foreign students are: fall orientation, temporary housing, English conversation classes, emergency loans (for undergraduates), host families, English tutors. Foreign students are welcome to drop in at any time. Private appointments, which are confidential, are also available. The office is located within Counselling Services in Needles Hall, room 2080, extension 2814.

The department of co-ordination and placement is responsible for the work-term aspect of all cooperative programs, and for assisting all students at the university in career planning and obtaining employment upon graduation. The staff includes professional personnel who have extensive business and industrial experience. The management of the cooperative education system at the University of Waterloo is the responsibility of the department. Management functions include obtaining jobs for the students, arranging on-campus recruiting interviews, providing professional career guidance for the students, and cooperating with participating employers to help satisfy their manpower needs.

Research Institutes

Centre for Accounting Research and Education. Director: J. Hanna, BCom, MBA, CA, FCA

Centre for Applied Health Research. Director: R. Marteniuk, BPE, MA, EdD

Centre for Information Theory. Director: B. Forte, PhD, DSc

Centre for Molecular Beams & Laser Chemistry. Director: N. Isenor, BSc, MSc, PhD

Centre for Nuclear Magnetic Resonance (NMR). Director: M. Pintar, BSc, MSc, PhD

Centre for New Oxford English Dictionary. Director: G. Johannesen, BA

Centre for Society, Technology and Values. Director: L. Haworth, BA, MA, PhD

Guelph/Waterloo Biotechnology
– Animal Biotechnology Centre. Director: J.P. Phillips, BSc, MSc, PhD
– Industrial Biotechnology Centre. Director: M. Moo-Young, BSc, MASc, PhD, PEng
– Microbial Biotechnology Centre. Director: J.J. Pasternak, BA, MA, PhD
– Plant Biotechnology Centre, Director: K.J. Kasha, BSc, MSc, PhD

Institute for Computer Research (ICR). Directors: E. Manning, BSc, MSc, PhD; V. Diciccio, BASc, MASc; M. McColl, BA
– The Computer Communications Network Group (CCNG). Director: J.W. Wong, BS, MS, PhD
– The Computer Systems Group (CSG). Director: E. MacKie, BA
– Very-Large-Scale-Integrated Circuits Group. Director: M.I. Elmasry, BSc, MASc, PhD, PEng

Institute for Groundwater Research. Director: R.W. Gillham, BSA, MSc, PhD

Institute for Improvement in Quality and Productivity. Director: C. Young, BASc, MSc, PhD

Institute for Polymer Research. Director: K. O'Driscoll, BChE, MA, PhD

Institute for Risk Research. Director: N.C. Lind, MSc, PhD, FRSC, PEng

Quaternary Group. Director: A.V. Morgan, BSc, MSc, PhD

Waterloo Arts Research Group. Director: J. Stubbs, BA, MSc, PhD

The Waterloo Centre for Computer Integrated Manufacturing (WATCIM). Director M.J. Marple, BSee, MS, DE

Waterloo Centre for Process Development. Directors: E.B. Cross, BASc; E. Rhodes, BScTech, MScTech, PhD, PEng

Waterloo Research Institute (WRI) (Operating Department). Directors: E. Holmes, BSc, MASc, PhD, PEng; A. Headlam, MBA, FCA; D. Copp, BASc, PEng; B. Hayward; P. Sprung, BASc, MA

Affiliated Colleges

Renison College, Waterloo, Ontario N2L 3G4 Telephone, (519) 884-4400. Founded in 1959 and affiliated with the university since 1960. Offers courses in conjunction with the university, in social development studies and general arts leading to the BA degree. Provides residence accommodation for 98 men and 74 women. Anglican. Principal: I.L. Campbell, BA, MSc

St. Paul's United College, Waterloo, Ontario N2L 3G5 Telephone, (519) 885-1460. Residential and teaching college affiliated with University of Waterloo. Sponsored by the United Church. Offers courses in arts, Canadian studies and religious studies for academic credit in the university system. Programs are available in Canadian studies and studies in personality and religion. Residence accommodation in semi-private rooms for a total of

150 men and women. Principal: Dr. F.C. Gerard, MA, BD, STM, PhD

Conrad Grebel College, Waterloo, Ontario N2L 3G6 Telephone, (519) 885-0220. Mennonite church-supported college affiliated with the university since 1961. Offers courses in arts, history, religious studies and sociology. Programs are available in music and in peace and conflict studies. Residence accommodation for 113 men and women. President: R.A. Lebold, BA, BD, MTh, DMIN

Federated Institution

The University of St. Jerome's College, Waterloo, Ontario. See separate chapter.

The University of Western Ontario*

General Information

Address: London, Ontario N6A 3K7
Telephone: (519) 679-2111
Telex: 0695259

President and Vice-chancellor: K.G. Pedersen, BA, MA, PhD

For a complete list of The University of Western Ontario faculty, see the Western Ontario calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, Gordon Smiley, BA(Hon)

Director, liaison services: Janice M.M. Johnson, BA, MA

Enrolment (1985-1986):	
Full-time undergraduate:	18,178
Part-time undergraduate:	5,739
Full-time graduate:	1,798
Part-time graduate:	647

Full-time faculty (1985-1986): 1,512

Total income (1984-1985): $264,114,000

General operating fund income	('000)	
Government grants	$116,249	44.0%
Fees	26,465	10.0%
Miscellaneous	10,840	4.1%
Sub Total	$153,544	58.1%
Other funds income		
Ancillary enterprises	$ 25,824	9.8%
Support and Research Units	4,966	1.9%
Special purpose and trust	26,566	10.1%
Sponsored research	39,498	14.9%
Capital	10,200	3.9%
Associated companies	3,516	1.3%
Sub Total	$110,570	41.9%
TOTAL	$264,114	100%

History and Governance

The Western University of London, Ontario received its charter from the legislature of the province of Ontario in 1878. Teaching began in 1881, and the first classes graduated in arts and medicine in 1883. In 1923, the name of the university was changed to The University of Western Ontario by an act of the provincial legislature. Huron College, Brescia College, and King's College are arts colleges affiliated with the university, each with its own campus close to the main campus.

The university is coeducational and non-denominational. Present authority is given by the province of Ontario's UWO Act of 1878 as amended in 1974 which provides for a board of governors and a senate. Further amendments were made to the act in 1982.

Buildings and Grounds

The university is situated on a 162-hectare campus along the Thames River in North London. The population of the city of London is 275,000. There are more than 65 buildings on campus including a health sciences centre, observatories, a wind tunnel and a bio-engineering building.

The health sciences centre has 9.9 hectares of floor space devoted to study and research in the health sciences. An observatory with a 1.2m reflector telescope is located some 25 km north of the campus. The university has other holdings totalling 250 hectares of land with buildings away from the main campus. All academic units incorporate extensive and modern research laboratories and equipment.

Libraries

The D.B. Weldon Library, opened in 1972, is the general library for the university. In addition, six other libraries are included in the university system: Business, Education, Engineering, Law, Music and Sciences. A professional collection of material is maintained by the School of library and information science. Huron, Brescia and King's College each provide good undergraduate libraries whose collections complement the holdings of the other libraries.

The book collections of the university total over three and three-quarters of a million items - 1,790,710 volumes, 1,523,916 microfilms, and 542,642 other items selected to support Western's programs. The university receives more than 18,949 current serials titles in all subjects and in many languages.

Special collections: Canadian, American and British Government Documents
Canadiana (General)
Canadian and Ontario Newspapers on Microfilm
G. William Stuart Collection of Milton and Miltoniana
South-Western Ontario Regional Collection (Municipal, Court, Educational, Business, Political and Personal Papers)
French Enlightenment and the Revolution
Fred H. Hitchins Collection on Air Power and Aviation
Richard M. Bucke Collection on Psychiatry and Mysticism, 1837-1902
Gustave Mahler/Alfred Rose Collection of Opera, 1597-1800
ERIC (Education Research Information Centre)
Documents on Research in Education
American Periodicals, 1741-1850
English Books, 1475-1700
Art Exhibition Catalogues
Human Relations Area Files

Programs and Degrees

Three-year degrees require three years of study from senior matriculation, and honours bachelor's degrees require four years of study from senior matriculation, unless otherwise specified. Master's degrees require minimum one year beyond honours bachelor's degrees (or equivalent) and doctorates at least two years from master's degrees unless otherwise specified.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diploma** chapter.

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* Ordinary member, AUCC

Arts
Diplôme de français pratique.
Bachelor or arts (BA) Three-year and honours.
Bachelor of fine arts (BFA) Honours.
Master of arts (MA)
Doctor of philosophy (PhD)

Business administration
Bachelor of arts (BA) Honours program. Two years beyond two years arts and science after senior matriculation.
Master of business administration (MBA) Two years from bachelor's degree in any field or one year from honours bachelor's degree in business administration or commerce with B standing or better in final year.
Doctor of philosophy (PhD)

Dentistry
Doctor of dental surgery (DDS) Four years beyond two years arts and science after senior matriculation.
Master of clinical dentistry (orthodontics) (MCID) Two years from DDS.
Master of science (pathology with training in oral pathology) (MSc) Three years from DDS.

Education
Diploma in education (technological services)
Bachelor of education (BEd) One year beyond an acceptable bachelor's degree for pre-service programs in primary-junior, junior-intermediate, or intermediate-senior divisions of the school system.
Master of arts in teaching (MAT) One calendar year full-time or equivalent. Degree requirements must be completed within four calendar years of registration as a graduate student.
Master of education (MEd) Guidance counselling requires two academic years: one year of required courses followed by one year internship. Educational studies (MEd) requires three terms or one calendar year.

Engineering science
Bachelor of engineering science (BESc) Four years beyond senior matriculation.
Master of engineering science (MESc) At least one year beyond BESc or comparable standing.
Master of engineering (MEng) At least two terms beyond BESc or comparable standing.
Doctor of philosophy (PhD) At least two years from MESc.

Journalism
Diploma in journalism for native people. Three terms of full-time study commencing in May.
Master of arts (MA) Three full terms beyond honours degree. One calendar year commencing in May.

Law
Bachelor of laws (LLB) Three years following completion of a degree from a recognized university; or completion of two full years of study beyond senior matriculation; or completion of three full years of study beyond junior matriculation.
Diplôme de français juridique.

Library and information science
Master of library and information science (MLIS) Three full terms beyond honours degree. No thesis.
Doctor of philosophy (PhD) At least two years from MLIS.

Medical rehabilitation
Bachelor of science (communicative disorders) [BSc(CD)] Three years from one year science and social science beyond senior matriculation.
Bachelor of science (occupational therapy) [BSc(OT)] Four years from senior matriculation.
Bachelor of science (physical therapy) [BSc(PT)] Three years from one year science and social science beyond senior matriculation.
Master of clinical science (MClSc) in communicative disorders. One or two years from BSc in communicative disorders or equivalent. No thesis.
Master of clinical science (MClSc) in physical therapy. Two years from BSc in physical therapy or equivalent. Thesis.
Master of science (MSc) in communicative disorders. One or two years from BSc in communicative disorders or equivalent. Thesis.

Medicine
Doctor of medicine (MD) Four years following a minimum of two years university study with appropriate science options.
Master of clinical science (MClSc) Applicants must hold MD degree or equivalent and have completed one-year internship.

Music
Artist diploma in performance
Bachelor of arts (BA) Three-year and honours.
Bachelor of musical arts (BMusA) Three years from senior matriculation.
Bachelor of music (BMus) Honours.
Master of arts in musicology (MA)
Master of music (MMus)

Nursing
Bachelor of science in nursing (BScN) Four years from senior matriculation.
Bachelor of science in nursing (BScN) Three years for registered nurses with diploma.
Master of science in nursing (MScN) At least one year from BScN.

Physical education
Bachelor of arts (BA) Three-year and honours.
Master of arts (MA)
Doctor of philosophy (PhD)

Science
Bachelor of arts (BA) Three-year and honours.
Bachelor of science (BSc) Three-year and honours.
Bachelor of science (home economics) [BSc(HEc)] Three years from senior matriculation; also honours program, four years from senior matriculation; offered jointly with Brescia College.
Master of arts (MA)
Master of science (MSc)
Doctor of philosophy (PhD)

Social sciences
Diploma in public administration (urban/regional)
Bachelor of arts (BA) Three-year and honours.
Bachelor of arts (administrative and commercial studies) [BA(Admin/ComSt)] Three-year.
Bachelor of arts (administrative office management studies) [BA(AOMS)] Three-year.
Bachelor of Science (BSc) Honours in Geography, Geography and Geology and Psychology.
Master of arts (MA)
Master of science (MSc)
Doctor of philosophy (PhD)

Social work
Bachelor of social work (BSW) Three years beyond one year arts and science after senior matriculation. Program offered by King's College only. See separate chapter.

Theology
Courses offered by King's College and Huron College. See separate chapters.

Huron
Master of divinity (MDiv) Three years from an undergraduate degree.

King's
Master of divinity (MDiv) Three years from an undergraduate degree.

Continuing education
Weekday evening and Saturday undergraduate classes in a number of arts, science and social science subjects are offered at 24 off-campus sites in London and throughout Western Ontario in the fall/winter Extension Session and in the three Summer Sessions. Correspondence courses in a limited number of arts, science and social science subjects are available in the Extension Session and in one Summer Session. The three Summer Sessions are: Summer Evening, 12 weeks May-July; Intersession, 6 weeks May-June; and Summer Day, 6 weeks July-August. Summer Correspondence is 15 weeks, May-August. A summer school in Trois Pistoles, Quebec, provides degree-credit courses in French in two immersion sessions: May-June; July-August.

The above courses and sessions are also available for non-degree students under special registration. Non-degree courses for adults are offered seasonally, in general interest areas, dance, professional development, and language training. An English language summer immersion program is held on campus July-August. The Elderhostel program for senior citizens is held on campus annually in July.

Admission Requirements

Undergraduate
Ontario: Educational level equivalent to Ontario honour graduation diploma (grade 13) with subjects appropriate to faculty to which admission is sought.

Other provinces: Applicants from other Canadian provinces eligible for admission to first year on basis of senior matriculation, if academic records meet in subject matter and standing obtained, the requirements for admission to UWO and to recognized university in home province.

Provided that subjects are acceptable for admission, the following certificates or academic standings or both are considered as senior matriculation: British Columbia, Alberta, Saskatchewan, Manitoba, New Brunswick, grade 12; Nova Scotia, grade 12 or first year at a Nova Scotia University after junior matriculation; Prince Edward Island, grade 12 with high standing or first year at the University of PEI after junior matriculation; Newfoundland grade 12 with high standing or first year at Memorial University; Quebec, grade 12 or first year (12 courses) in a CEGEP pre-university program. CEGEP applicants who are registered in or who have completed Year Two, may be eligible for advanced standing consideration up to maximum of 5 full courses provided that the requirements for admission are met.

CAAT
Applicants who have completed one year of General Arts and Science or a two-year diploma program at an Ontario College of Applied Arts and Technology may be eligible for admission to Year One at Western.

Applicants who have completed a three-year diploma program at an Ontario College of Applied Arts and Technology may be eligible for admission and advanced standing consideration (to a maximum of five full courses or the first year of a professional program).

International Baccalaureate
Applicants from an International Baccalaureate School must have credit in six subjects, of which three subjects must be at the higher level, with standing satisfactory to this university to be considered for admission.

Transfer students
Applicants require an overall final average of at least 60% for admission consideration. University-level courses with a mark of at least 60% will be evaluated for advanced standing.

Special students
Special students are those students already in possession of an acceptable university degree, who wish to take undergraduate courses for the purposes of upgrading. Courses taken as an undergraduate special student do not lead to a degree.

Mature students
Applicants who do not meet normal admission requirements, are at least 21 years of age and are Canadian citizens or permanent residents may be considered for admission under the regulations governing mature applicants.

Senior citizens
Applicants who are Canadian citizens or permanent residents, resident in Ontario, who are 60 years of age or older or who will reach the age of 60 during the month in which their classes commence, and who are admitted, shall be granted a bursary equivalent to their tuition fees. Proof of age must be submitted.

Graduate
First degree with specified grades in appropriate subjects.

Foreign students
Official transcripts of academic qualifications (listed below) must be submitted for admission consideration. Where documents are not in the English language, official, notarized translations must be submitted.

Applicants for whom English is not a first language are required to write a test of English proficiency and may choose either of the following:

1. Test of English as a Foreign Language (TOEFL)-the minimum acceptable score required is 550.
2. Michigan English Language Assessment battery (MELAB., University of Michigan)-the minimum acceptable score required is 85, with a score of no less than 80 in any section.

It should be noted that possession of the minimum English language requirement does not guarantee an offer of admission.

The University reserves the right to deny admission to applicants who do not demonstrate satisfactory knowledge of English, by means of one of the tests mentioned above, regardless of academic qualifications.

Africa and Asia: Applicants must submit qualifications as outlined under the United Kingdom and the Commonwealth when these educational systems are available. Otherwise, qualifications as stated under Central and South America.

Central and South America: Senior matriculation diploma and acceptable completion of minimum of first year from a recognized university in their country.

Europe: Senior matriculation diploma which will permit entrance to a recognized university in their country.

India and Pakistan: BA or BSc degree with first or second division standing from a recognized Indian university.

Middle East: Senior matriculation diploma and acceptable completion of first year from a recognized university.

United Kingdom and the Commonwealth:

a) Five General Certificate of Education passes of which two must be at the Advanced Level.

OR

Four General Certificate of Education passes of which three must be at the Advanced Level.

Advanced Level passes must satisfy the following conditions:

i) Average 'D' or better;
ii) Satisfy specific program requirements;
iii) Subjects offered must be different; i.e. Physics and Chemistry
iv) Examinations must be written in English.

West Indies: Qualifications as outlined under the United Kingdom and Commonwealth when these educational systems are available. Otherwise, one year of Post G.C.E. Ordinary level studies or one year of study at Bermuda College of College of the Bahamas.

Australia and New Zealand: Senior matriculation certificate qualifying for admission to a university in the applicant's country.

USA: 1) High school qualifications. Grade 12 with high standing (A average) from an accredited high school. Grade 12 subjects must be selected in accordance with first year program requirements. Upgrading in certain subject areas may be required for progression into specific university program after first year. 2) University qualifications. Students in good standing in a university year beyond the grade 12 level are eligible to apply for admission with advanced standing under current Senate transfer regulations.

Application Deadlines

Applications for all undergraduate full-time programs must be received by August 1 of the year in which admission is sought. Graduate students must follow application deadlines set by departments.

It is advisable to apply well in advance of application deadlines. Specific programs have their own deadlines.

Costs (1986-1987)

Tuition fees: Full-time undergraduate: Canadian citizens and permanent residents: $1,264. (nursing, business administration, education, arts, science, social science, physical education, law, music, communicative disorders, occupational therapy, physical therapy); 1,372. (engineering); $1,608. (dentistry, medicine). Full-time undergraduates on student visa: $4,334 all programs except, dentistry, education, engineering, nursing and medicine, which are $7,063. Full-time graduate: Canadian citizens and permanent residents: $635 per term; visa students; $2,649 per term. Part-time undergraduate: Canadian citizens and permanent residents: $264 per course; visa students; $866 per course or $1,412 per course in special programs listed above. Part-time graduate: Canadian citizens and permanent residents: $227 per term; visa students; $795 per term.

Full-time students are those enrolled in more than three classes per academic year. Part-time students are those enrolled in 3 courses or less per academic year. The above figures do not include compulsory student activity fees nor incidental fees.

The Board of Governors reserves the right to amend fees after the printing of this list.

Residences: Room with varying meal plans, $2,848-$3,274

Apartments: One-bedroom apartments a minimum of $317. Two-bedroom apartments a minimum of $363 (Prices include utilities.) Houses: Two-bedroom townhouses, $361 + utilities. Three-bedroom townhouses, $390 + utilities.

The University food services also offers a meal plan for students not residing in the university residences. The meal plan is intended to provide the equivalent of two meals per day during the academic year. The cost is $625 for one term, $1,200 for the two terms.

Student activity fees: Undergraduate $158.10 for two terms, graduate $70.81 per term.

All fees subject to change without notice.

Academic Year

Winter session: early September to end of April. Summer evening session: early May to late July. Intersession: mid-May to late June. Summer session: early July to mid-August. Faculty of graduate studies: fall term, September 1 to December 31; winter term, January 1 to May 14; summer term, May 15 to August 31.

Grading System

Dentistry: honours, 80-100%; pass, 60-79%; fail, 0-59%. MBA program: 4 distinction; 3, high pass; 2, pass; 1, low pass; 0, unsatisfactory. All other programs: A, 80-100%; B, 70-79%; C, 60-69%; D, 50-59%; F, below 50%. In law, medicine and the faculty of graduate studies, a mark below 60% is a failure.

Student Aid

The Awards office is responsible for the administration of undergraduate scholarships, bursaries and loans. Continuing and one-year scholarships, which vary in amounts from our prestigious named scholarships of $2,500 to $500 are offered to approximately 10% of the entering student body. Application is not required. In-course scholarships are offered for all years and all programs and for every year of every Honours program.

Bursaries are awarded to students who have an acceptable academic standing and can demonstrate financial need. Applications are available, after registration, in the Awards Office located in Room 107, Somerville House, and must be submitted before October 31st. University loans are available to students in their penultimate or final year of an undergraduate program, as well as to graduate students, and are interest-free until graduation. Students are also encouraged to apply for government assistance.

The Work/Study Bursary Program, now well entrenched, enables students to finance their education by working part-time. At the commencement of the academic year, new positions are designed on campus specifically for this program, which allows students the necessary flexibility to accommodate their academic obligations.

With the exception of the Ontario Student Assistance

Program, graduate students are required to apply for the various forms of assistance available to them through the Faculty of Graduate Studies.

Student Life and Services

Student Government: The University Students' Council of the University of Western Ontario was founded in 1947 and incorporated in March of 1965. Prior to this the students were represented by the University Students' Commission which had been founded in 1930.

Today the USC has 68 Councillors elected from the various faculties, affiliates and residences. In addition, there are 15 Student Senators and 3 student members of the Board of Governors who are members of the Council by virtue of their positions on the above-mentioned bodies. The Students' Council is funded by an activity fee which is collected on their behalf by the Fees Office. This money is returned to the students in many ways. The USC provides an impressive list of services for the students. A few of these are: Charlie Brown University, used book store, copy centre, typing service, unigraphics - graphics services, concerts, Western film community, Spoke Tavern, Radio Western (CHRW-FM), speakers program, central box office, Western Wheels, The Gazette, Student survival guide and phone directory, U.S.C. event staff, etc.

Some of these services generate revenue which aids the USC in providing yet more services. This year the USC has started a Tutor Referral Service working in conjunction with the administration.

An Ombudsman is available year-round to help students with any problems that they might have. The Ombudsman is funded by both the USC and the UWO administration and is an impartial, helpful person who can help to channel students in the right direction; tell them whom to see, what to say, and where to go about a problem.

The Spoke, concert productions, Event Staff, Poster Pollution Patrol and Distribution Network all provide part-time jobs for students. Over 100 volunteers work in the radio station CHRW and The Gazette and, as well, approximately 100 students work in the community through the Volunteer Services Bureau.

There are over 100 active clubs on campus, encompassing religion, sports, politics, debating, chess - just about anything one can think of. It would be safe to say that all the students at Western could find something to interest them, and it's all brought to them by their Student Government.

The University Community Centre has a wide variety of facilities for social, cultural and recreational activities. The building includes restaurants, a tavern, variety store, banking service, travel agency, hair-stylist, artcraft studio, games room, music listening lounge, swimming pool, gymnasium, and squash courts. The counselling and career development department, student health services, and the University bookstore are also located in the Centre. Mandated to be the "living room" of the University and a factor in the education of students, the University Community Centre organizes a full slate of educational, recreational, social and cultural activities the year round. Policies of the Centre are established by a 16 member Directorate representative of all sectors of the University community. Nine of the sixteen members are students.

Single students are accommodated in five residence halls (Delaware, Saugeen-Maitland Alumni House, Medway and Sydenham) which offer single and double rooms to 2,590 men and women. Accommodation may be in an all-male or all-female residence, or in a residence with coeducational facilities.

Three additional residence halls (Ausable, Bayfield, and Beaver) accommodate single students in 399 one and two-bedroom unfurnished apartments. All students admitted to this complex must be in either their third, fourth, or graduate years.

Married students are accommodated in the Platt's Lane residential complex, which is comprised of two and three-bedroom townhouses, and one and two-bedroom apartments situated adjacent to the campus. Four hundred units are available.

Brescia College has accommodation for 173 students, Huron College for 200 men and 100 women, and King's College for 310 men and women. Westminster College, a coeducational residence, accommodates 230 students.

The off-campus housing office provides listings of accommodation available in the London area. It operates on a self-serve basis, requiring a personal visit to the office by interested students or their representatives. For further information on accommodation, contact the Residence Admissions and Off-Campus Housing Office.

A health service clinic is located on campus and students may consult physicians regarding general medical care. A psychiatrist and social worker are also on staff to provide individual counselling. Since students who are not covered by the Ontario Health Insurance Plan may be billed for health care costs, they are urged to inquire into their health insurance status before enrolling at UWO.

The counselling and career development service has a professionally trained staff which provides individual and group counselling to students with a variety of educational, vocational, and personal concerns. It also maintains an extensive career library and resource centre. An academic counselling service is provided during the summer to advise incoming first-year students on their choice of courses. The offices of faculty deans and various departments also offer academic counselling throughout the year. The religious needs of the university community are attended to by chaplains from various denominations.

The placement service offers a year-round assistance to undergraduates and graduating students seeking part-time, summer, and permanent employment.

Foreign Student Advising is available in Room 32, University Community Centre, Telephone 679-2410.

Most university facilities are accessible to disabled students. There is a Disabled Students' Resource Centre which provides a variety of reference materials and information for students, and makes referrals to appropriate on- an off-campus services. A braille computer facility is available to assist visually impaired students. The Coordinator of Services for Disabled Students is located in the University Community Centre, Telephone 679-2408.

The campus bookstore stocks approximately 10,000 course titles, over 35,000 allied, reference and general interest titles plus a wide range of general merchandise.

The university is served by three regular city bus lines in addition to the Western Wheels busing system. Students wishing to park on campus must purchase a parking permit and park in designated lots.

Research Institutes

Accident Research. Coordinator: E.S. Nowak, BME, MSME, PhD, PEng

Boundary-Layer Wind-Tunnel. Director: A.G. Davenport, BA, MA, MASC, PhD, FRSC, PEng

Canada-US Law Institute. Director: J.E. McLeod, LLB, LLM

Cancer Research Laboratory. Director: D.T. Denhardt, BA, PhD

Centre for Cognitive Science. Director: Z.W. Pylyshyn, PhD, BEng, MSc

Centre for Interdisciplinary Studies in Chemical Physics. Director: P.K. John, BSc, MSc, PhD

Centre for International Business Studies. Director: H.W. Lane, BS, MBA, DBA, PhD

Centre for Mass Media Studies. Director: H. Overduin (acting), BA, MA

Centre for Radio Science. Director: P.A. Forsyth, BA, MA, PhD, FRSC

Centre for Research and Teaching in Canadian Native Languages. Director: M. Seguin, PhD

Centre for Social and Humanistic Studies. Director: F. Manning, BA, MA, PhD

Centre for the Study of International Economic Relations. Director: J. Whalley, BA, MA, MPhil, PhD

Health Care Research Unit. Director: R.J. Turner, BA, PhD

John P. Robarts Research Institute. Director: Dr. H.J.M. Barnett, MD, FRCP(C), FACP

The MRC Group in Reproductive Biology. Director: D.T. Armstrong, ESA, MS, PhD

Museum of Indian Archaeology. Director: W.D. Finlayson, BA, MA, PhD

National Centre for Management Research and Development. Director: Dr. D. Leighton, BA, MBA, DBA, LLD

Occupational Health and Safety Resource Centre. Director: R.B. Reger, BA, MA, PhD

Photochemistry Unit. Director: A.C. Weedon, BSc, PhD

Population Studies Centre. Director: R.T. Beaujot, BA, MA, PhD

Statistical Laboratory. Director: I.B. MacNeill, BA, MA, PhD

Surface Science Laboratory. Technical Director: N.S. McIntyre, PhD

Systems Analysis Control and Design Activity (SACDA). Director: C.F. Shewchuk, BEng, PhD, PEng

Westminster Institute for Ethics and Human Values. Director: A. Lynch, BA, MA, PhD, LMS

Affiliated Institutions

Brescia College, London, Ontario. See separate chapter.

Huron College, London, Ontario. See separate chapter.

King's College, London, Ontario. See separate chapter.

Wilfrid Laurier University*

General Information

Address: Waterloo, Ontario N2L 3C5
Telephone: (519) 884-1970
Telex: 0695476

President and Vice-chancellor: J.A. Weir, BCom, MBA, PhD

For a complete list of Wilfrid Laurier University faculty, see the Wilfrid Laurier University calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar.

High school liaison officer: Valerie Clark, BA

Enrolment (1985-1986):	
Full-time undergraduate:	4,285
Part-time undergraduate:	2,384
Full-time graduate:	311
Part-time graduate:	298

Full-time faculty (1985-1986): 239

Total income (1984-1985): $39,342,000

General operating fund income	('000)	
Government grants	$ 23,353	59.4%
Fees	7,521	19.1%
Miscellaneous	1,033	2.6%
Sub Total	$ 31,907	81.1%
Other funds income		
Ancillary enterprises	$ 5,284	13.4%
Special purpose and trust	1,421	3.6%
Sponsored research	614	1.6%
Plant	116	0.3%
Sub Total	$ 7,435	18.9%
TOTAL	$ 39,342	100%

History and Governance

The Evangelical Lutheran Seminary of Canada opened in Waterloo in 1911 and was incorporated under the laws of the province of Ontario in 1913. Facilities for pre-theological education were established in 1914, and for 15 years, courses leading to senior matriculation were offered in the Waterloo College School. In 1923 the school offered a one-year arts course beyond senior matriculation, and in 1924 this was expanded into the Waterloo College of Arts, which offered a four-year arts course. Emphasis having been shifted to higher education, in 1929 the preparatory courses of the college were abandoned. In 1925, the faculty of arts, under the name of Waterloo College, became affiliated to The University of Western Ontario. Five years later Waterloo College was granted the right to offer courses leading to the BA honours degree. In 1956, associate faculties offering courses in science and engineering were established. These faculties pioneered the cooperative engineering program in Canada and continued its development within Waterloo College until 1959 when the college received a provincial charter and became the University of Waterloo. By mutual agreement, the affiliation of Waterloo College to The University of Western Ontario was terminated when the new charter became effective on July 1, 1960.

In 1959 the Evangelical Lutheran Seminary of Canada revised its charter, changing its corporate title to Waterloo Lutheran University and giving the institution university powers and degree-granting rights. In August 1961, the Mennonite Brethren College of Arts in Winnipeg, Manitoba, affiliated to Waterloo Lutheran and provided the first two years of the university's general BA program. This affiliation was terminated in 1971.

For many years, Waterloo Lutheran was the last remaining church-supported university in Ontario. However, as a church-related institution, it was eligible for only half the operating grants paid to the other universities in the province and was not eligible for capital grants. It became evident in the late 1960's that the church could no longer afford to operate the university. Through an agreement reached in June 1973 the church relinquished its sponsorship but retained control of Waterloo Lutheran Seminary, the theological division. The name of the university was changed to Wilfrid Laurier and the seminary became federated with the new institution. A new charter, effective November 1, 1973, made Wilfrid Laurier University eligible for full operating and capital grants.

The university is governed by a 33-member board of governors and a 61-member academic senate.

Buildings and Grounds

Wilfrid Laurier University is located in the twin cities of Kitchener and Waterloo, a community of 200,000. The campus is modern in design and construction and has developed rapidly since 1961 with 20 building projects completed. The complex of buildings consists of the arts building, central teaching building, the seminary which is shared with the graduate school of social work, the university library, a theatre-auditorium (seating capacity, 1,400), student services centre, dining hall and campus centre. An athletic complex features a six-lane Olympic-size swimming pool, basketball and squash courts. The newest building is the $3.8 million Frank C. Peters Professional Building which houses the faculty of business and economics as well as the faculty of social work.

Library

The library's six floors house 1,050,000 items, 440,000 volumes, 115,000 government documents, 425,000 microforms and 930 readers. Reciprocal borrowing privileges are available from five other Ontario university libraries. Envoy facilities link the library with other Ontario, Canadian and United States university libraries.

The library participates in various projects of the Ontario Council of University Libraries including Cooperative Documents (CODOC), the Cooperative Union Serials System (CUSS) and the Intra-University Borrowing Project (IUBP).

The Serials, Documents, Acquisitions and processing programs are automated and in November 1984 an automated circulation system was implemented. Plans are proceeding for the introduction of an on-line catalogue.

Programs and Degrees

General bachelor's degrees require three years from senior matriculation and honours bachelor's degrees four years from senior matriculation. Master's degrees require at least two years from general bachelor's degree and one year from honours bachelor's degree unless otherwise specified. The General Degree requires 15 courses. A single Honours Degree requires a minimum of 20 courses and a combined program requires 22. The Master's degrees normally require four courses and a thesis.

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* Ordinary member, AUCC

A course is a unit of study normally taught over two terms with 3 lecture hours per week. Science courses require 2-4 additional hours in the laboratory.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General and honours.
Master of arts (MA)

Business and economics

Diploma in business administration. Six courses. Open to those experienced in business.
Diploma in accounting. Nine and one-half courses. Open to those experienced in business or holding an undergraduate degree.
Bachelor of business administration (BBA) Honours program (24 courses).
Master of business administration (MBA) Length of course depends on previous experience and academic qualifications. Students evaluated on individual basis. Designed for professional business manager or prospective doctoral student.

Divinity

Diploma in theology. Three years plus one year intern. Open to those at least 30 years of age and one year university.
Master of divinity (MDiv) Three years from undergraduate degree and one year internship.
Master of theology (MTh) Two years from MDiv. Eight courses some of which are clinical.
Master of theological studies (MTS) Three years from undergraduate degree. (12 courses)

Music

Opera diploma. Four full courses from undergraduate degree in music.
Bachelor of music (BMus) Honours program.
Bachelor of music therapy (BMusTh) Honours program.
Bachelor of Arts (BA) General

Science

Bachelor of science (BSc) General and honours.

Social work

Master of social work (MSW) Two years form undergraduate degree. Based on combination of on-campus and field-practice terms.

Combined programs

Combined master's programs in social work and theology as well as arts and theology available.

Special programs

Series of seminars and lectures offered annually by school of business and economics.

Programs which combine university study with practical job experience are available to selected students in Honours programs. The organizational structure varies with the program. Director of Co-operative Education, (519) 884-1970 ext. 2506.

Continuing education

Evening extension courses leading to General BA offered in Waterloo, Brampton, Barrie, and various centres in Simcoe and Waterloo counties in 5 academic sessions. Courses available in humanities, social sciences, business administration and music. Courses leading to a diploma in business administration and diploma in accounting also offered. Over 20 courses per year offered by telecollege, incorporating Broadcast and Cable Television and Teleconferencing. Independent Production House produces new material yearly. For information call toll free 1-800-265-8866, ext. 2447.

Admission Requirements

Undergraduate

Ontario: Grade 13 subjects sufficient to qualify the applicant for an Ontario Secondary School Honour Graduation Diploma plus the specific program requirements as outlined in the undergraduate calendar. Although 60% is the minimum acceptable average for admission consideration, a higher average may be required for some programs. Starting in September, 1986 applicants may present the new Ontario Secondary School Diploma (including six Ontario Academic Credits) for admission. Similar subjects and standing will be required as under the former system.

Other provinces: Applicants must have attained standing which is equivalent to Ontario Grade 13: Alberta, British Columbia, Manitoba, New Brunswick, Northwest Territories, Nova Scotia, Prince Edward Island, Saskatchewan, and Yukon Territories - Grade 12 (Senior Matriculation)
Newfoundland - First year Memorial University
Quebec - Grade 12 or CEGEP General I

Transfer students

An applicant who wishes to apply for admission and advanced standing on the basis of studies completed at another college or university must arrange for an official transcript of his/her record to be sent to the Registrar by each institution previously attended. The prospective transfer student must have attained as a minimum the equivalent of a C-average (G.P.A. of 4.00) at his/her home institution and must be eligible to re-register at that home institution. Some programs may require a higher average for admission. Transfer credit will be considered by the appropriate Faculty Admissions Committee.

Mature students

A student who does not possess the necessary minimum Grade 13 (or equivalent) requirements for admission to the University may be considered for admission to part-time studies subject to the following conditions:

1. Grade 12 standing and at least two years of work experience prior to the first day of classes for the session to which he/she applied. Or
2. Age 21 and at least two years of work experience prior to the first day of classes for the session to which he/she applied.

Senior citizens

Individuals, 60 years of age or older, may register in full-time or part-time studies to work toward bachelors' degrees or to audit courses. Tuition fees for part-time studies are waived. Normal fees apply for full-time studies.

Graduate

Applicants must have second class or B average in final year of honours program in the same field of study for which they are applying. Students not meeting this requirement may apply for admission as a qualifying student.

Foreign students

UK and Commonwealth: The General Certificate of Education in five or six subjects. At least two of the subjects must be at the advanced level with acceptable standing. Please note English proficiency requirements below.

USA: Applicants who have completed United States Grade 12 with superior academic standing and can present Scholastic Aptitude Test (SAT) scores acceptable to the University will be considered for admission to the first year of a degree program. Otherwise, applicants must present acceptable final standing in U.S. Grade 12 and 24 semester hours at an accredited college or university in courses from the humanities, social sciences and natural sciences.

Other: An applicant possessing standing required for admission into the first year of a degree program at a recognized college or university in his country, will normally be eligible for admission to the first year at WLU. Students who present the International Baccalaureate may also be considered for admission. The applicant is required to submit original documents of his/her academic record mailed directly from the Registrar of the institution he/she attended to the Registrar, Wilfrid Laurier University. In cases where original documents are written in a language other than English, the applicant must provide notarized literal translations of the documents.

Proficiency in English: A student whose native tongue is not English is to submit, together with his/her application, evidence acceptable to the University of his/her proficiency in English. Normally, this evidence is an acceptable score on either the Test of English as a Foreign Language (TOEFL) or the Michigan Test of English Language Proficiency. Currently, the minimum acceptable score for TOEFL is 560 and, for the Michigan Test, 90 is the minimum acceptable score.

Application Deadlines

Applications must be received from undergraduate, mature and foreign students no later than July 15 in any given year. Applications received after this date may not be processed before the session begins.

Costs (1985-1986)

Tuition: Full-time undergraduate arts, business administration, economics, music, science, $1,264. Second, third and fourth-year business administration, $1,212. Graduate arts, $1,247 for six terms, social work, $2,171 for five terms, theology, $1,114 per year. Part-time per course, undergraduate $240, graduate $247. Visa students pay a differential fee in addition to the regular tuition fees. MBA $414 per term for six terms, thereafter $206 per term.

Miscellaneous compulsory fee: Graduate and undergraduate, $124 (including student union fee of $27.50).

Residence: Room and board per academic year based on private room with telephone and five-day meal ticket, $3,113.

All fees subject to change without notice.

Academic Year

Winter session: early September to end of April. Intersession: May to end of June. Summer session: early July to mid-August. Extension and evening session: September to end of April.

Grading System

Students are graded on a point system as follows: A+, 12; A, 11; A—, 10; B+, 9; B, 8; B—, 7; C+, 6; C, 5; C—, 4; D+, 3; D, 2; D—, 1; F, 0. Undergraduates must maintain grade point average of 7.00 in honours field of specialization and 4.00 in all other courses.

Student Aid

Senior matriculation students who achieve a minimum average of 90 per cent in six grade 13 credits are eligible for Centennial scholarships, valued at $1,100. These are tenable for three or four years, provided the required grade point average is maintained. Those with a minimum average of 80 per cent in six grade 13 credits may receive Laurier scholarships valued at $1,000, tenable for one year. Also available in years two, three and four are Incentive scholarships valued at $850 each. Wilfrid Laurier student bursaries valued at $200 are available to students with a minimum 4.0 grade point average who can establish financial need. Aid in the form of grants and loans is available through the Ontario Student Assistance Program to students who can demonstrate need.

Student Life and Services

The Students' Administrative Council is elected annually by the student body. Its purpose is to represent and promote the general welfare of the student body and to provide for the proper and adequate management of student affairs.

Clara Conrad Hall accommodates 243 women; Euler Hall (French House) 23 women and 14 men; Nils Willison Hall 161 men; Little House 160 men; Leopold House eight women and 14 men.

Wilfrid Laurier University does not provide complete services for the handicapped student. Some of the university's buildings are accessible, but others are not so equipped. However, special attention is given to handicapped individuals during registration, and with regards to class scheduling and examinations.

Medical services are available to full and part-time students through the health services office. A medical clinic operates July through April.

The student counselling service assists students in intellectual, physical, emotional and spiritual development. Career counselling, study aids and personal counselling are available.

Foreign students at the university are assigned to an international student advisor. Further information may be obtained from the Office of the Dean of Students. (519) 884-1970 ext. 2319

On and off-campus employment services are offered by the director of student awards and placement. Part-time and summer job placements are also arranged.

University of Windsor*

General Information

Address: Windsor, Ontario N9B 3P4
Telephone: Windsor, (519) 253-4232; Detroit, (313) 963-6113
Telex: 024-77684

President and Vice-chancellor: R.W. Ianni, Q.C., BA, BComm, LLB, PhD

For a complete list of the University of Windsor faculty, see the Windsor calendar or the *Commonwealth Universities Yearbook*.

Enquiries: Direct general correspondence to the Registrar, F.L. Smith, BA, MEd

Director, secondary school liaison: Joseph Faso, BA

Enrolment (1985-1986):

Full-time undergraduate:	7,282
Part-time undergraduate:	4,389
Full-time graduate:	559
Part-time graduate:	367

Full-time faculty (1985-1986): 508

Total income (1984-1985): $83,582,000

General operating fund income

	('000)	
Government grants	$ 47,805	57.2%
Fees	17,024	20.4%
Miscellaneous	1,856	2.2%
Sub Total	$ 66,685	79.8%
Other funds income		
Ancillary enterprises	$ 8,008	9.6%
Special purpose and trust	912	1.1%
Sponsored research	5,466	6.5%
Miscellaneous	2,511	3.0%
Sub Total	$ 16,897	20.2%
TOTAL	$ 83,582	100%

History and Governance

Assumption College was founded in 1857 and incorporated in 1858 by an act of the legislature of the province of Canada. Teaching began in 1857. From 1919 to 1953, the college was affiliated to The University of Western Ontario. In 1953 the Ontario legislature established a new government for the college and granted it university powers. The first degrees were awarded in 1954. In 1956 the Ontario legislature passed an act which changed the name of Assumption College to Assumption University of Windsor. In 1963 the University of Windsor was incorporated and Assumption University became a federated college of the university.

The University of Windsor is co-educational and nondenominational. It embodies one federated university (Assumption) and three affiliated colleges (Holy Redeemer, Canterbury and Iona) which are legally and financially distinct but subject in academic matters to the university senate. The university is administered by a 32-member board of governors and a 66-member senate.

Buildings and Grounds

The university is situated on a 100-acre campus south of the Detroit River, in the city of Windsor (population 247,582). There are eight teaching buildings, a library, an administration building, a university centre, a large human kinetics complex including a gymnasium and swimming pool, a dining and recreation centre, seven residences and a computer centre.

Libraries

The university library system consists of the general library, the Paul Martin law library and the education library with combined facilities for about 1,750,000 volumes and seating for 2,150 readers. The university library contains over 1,500,000 volumes, growing at an annual rate of about 40,000 volumes and receives over 11,000 current periodicals and serials. The 14 Ontario universities and the 10 Quebec universities, plus the National Library and the National Science Library in Ottawa, freely exchange resources by rapid delivery service on a daily basis. Ramps permit handicapped persons access to the library.

Special collections: The library system has extensive collections of Canadian federal and provincial government documents and publications of major international organizations, and serves as the resource centre for Canadian materials for cooperating institutions.

Programs and Degrees

General bachelor's degrees require four years (40 courses) from junior matriculation and three years (30 courses) from senior matriculation unless otherwise specified. Honours bachelor's degrees require five years (50 courses) from junior matriculation and four years (40 courses) from senior matriculation unless otherwise specified. All courses are one semester in length. Master's degrees require at least two years from a general bachelor's degree and at least one year from an honours bachelor's degree unless otherwise specified. Doctoral degrees require a minimum of two years from honours bachelor's degree.

Arts

Bachelor of arts (BA) General and honours programs.
Master of arts (MA)

Business administration

Bachelor of commerce (BComm) Honours program, four years beyond senior matriculation.
Bachelor of Commerce (Economics) (BComm) Honours program, four years beyond senior matriculation.
Master of business administration (MBA)

Computer science

Bachelor of computer science (BCS) General and honours programs.

Dramatic Art

Bachelor of arts (BA) General and Honours programs.
Bachelor of fine arts (BFA) Five years from junior matriculation. Four years from senior matriculation.

Education

Three undergraduate programs exist to prepare for certification to teach grades one to 13 in Ontario schools.

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* Ordinary member, AUCC

Consecutive program. One year beyond approved degree from accredited university.
Bachelor of education (BEd) Four-year concurrent program leading to general bachelor's degree of student's faculty and BEd degree.
Bachelor of education (BEd) Five-year concurrent program leading to honours bachelor's degree of student's faculty and BEd degree.
In-service program of professional courses leading to the Bachelor of Education (Honours) degree. For practising teachers. (7 courses)
Master of education (MEd) At least two years beyond general bachelor's degree and BEd or two years related experience or one year from honours bachelor's degree.

Engineering
Bachelor of applied science (BASc) Five years from junior matriculation. Four years from senior matriculation.
Master of applied science (MASc) At least one year from BASc or equivalent.
Doctor of philosophy (PhD) At least three years from BASc or equivalent degree or at least two calendar years from master's degree.

Human kinetics
Bachelor of human kinetics (BHK) Five years from junior matriculation. Four years from senior matriculation.
Master of human kinetics (MHK) At least one year from honours bachelor's degree.

Law
Bachelor of laws (BLaws) Three years beyond at least two years of undergraduate study and preferably a bachelor's degree.

Music
Bachelor of musical arts (BMA) General program only.
Bachelor of music (BMus) Honours program only.
Diploma in Church Music (20 courses).

Nursing
Diploma in public health nursing (DipPHN) One year from senior matriculation and RN.
Bachelor of science in nursing (BScN) Five years from junior matriculation or four years from senior matriculation. Three years from senior matriculation and RN.

Science
Bachelor of science (BSc) General and honours programs.
Master of science (MSc)
Doctor of philosophy (PhD) At least three years from honours BSc or equivalent or two years from MSc.
Bachelor of arts (BA) General and honours mathematics.

Social science
Bachelor of arts (BA) General and honours programs.
Bachelor of public administration (BPA) Five years from junior matriculation or four years from senior matriculation.
Master of arts (MA)
Doctor of philosophy (PhD) At least two years beyond master's degree or equivalent.

Social work
Bachelor of social work (BSW) Five years from junior matriculation or four years from senior matriculation.
Master of social work (MSW) At least one calendar year beyond BSW and one year of professional social work and practice.

Visual arts
Bachelor of arts (BA) General and honours programs.
Bachelor of fine arts (BFA) Five years from junior matriculation. Four years from senior matriculation.
Master of fine arts (MFA) Two years from honours bachelor's degree.

Special programs
Evening and part-time studies: Bachelor of arts and bachelor of commerce programs are offered for evenings part-time students in addition to certificates (12 courses) in public administration, business administration and religious studies, labour studies, organizational communications, organizational career development, criminology, criminal justice, and women's studies. Individual courses are available in science, computer science, drama, fine arts, law, mathematics, nursing, music, and human kinetics. Credit courses are offered at Chatham, Sarnia, Wallaceburg, and Leamington. Attendance at classes for at least one academic year or equivalent (three intersessions, summer sessions or part-time winter sessions or a combination of these) is required.

Professional development: The university cooperates in offering courses with groups such as Certified General Accountants, Industrial and Cost Accountants of Ontario and Industrial Foremen's Club of Windsor. Space is also provided for courses offered by and for other vocational and professional groups. All credit courses are open to auditors who may attend for no credit.

European Study Plan: credit courses in literature, fine arts and languages are offered in Oxford, Nice, Munich, Rome, Madrid, and other European centres.

Admission Requirements

Preliminary year
Ontario: Ontario grade 12 with an average of 66 per cent. The student must also receive a favourable recommendation from the secondary school principal.

Other provinces: The following levels of education are considered equivalent to Ontario grade 12. Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Prince Edward Island, Saskatchewan: grade 11. Quebec: secondary V certificate.

Undergraduate
Ontario: Ontario grade 13 with an overall average of at least 60 per cent on six level five courses approved by the secondary school.

Other provinces: The following levels of education are considered equivalent to Ontario grade 13. Alberta, British Columbia, Manitoba, New Brunswick, Prince Edward Island, Saskatchewan: grade 12. Nova Scotia: grade 12 or first year at a Nova Scotia university after junior matriculation. Newfoundland: first year at Memorial University. Quebec: grade 12, or completion of the first year of a general program at a CEGEP (minimum of 12 semester subjects) with appropriate standing. Subject requirements for specific programs equivalent to the Ontario grade 13 requirements must be included in the above curricula.

Mature students
Candidates who cannot meet normal admission requirements and give evidence of motivation may be admissible.

Senior students
Senior students are 60 years of age and over. Tuition fees are waived for senior students.

Graduate
Master's program, minimum second-class standing in final year and in major subject required. Student with honours baccalaureate may be admitted to one-year program and student with general bachelor's degree may be admitted to two-year master's program. Applicant to doctoral program must have master's degree or honours bachelor's degree or equivalent with superior academic standing. Official transcripts, confidential reports and graduate record examination scores must be submitted.

Foreign Students
Students seeking admission to preliminary year must submit original certificates of standing equivalent to Ontario grade 12. Those seeking admission to first year must present original certificates equivalent to Ontario grade 13.

A candidate whose mother tongue is not English may be required to meet an appropriate standard in recognized test of English. This may be done using the Test of English as a Foreign Language (minimum acceptable score 550) or the University of Michigan English Language Test.

UK and Commonwealth: (For preliminary year) GCE in five subjects at O-level. English, mathematics, a second language, a science, and a social science normally required. (For first year) GCE in five subjects with two at A-level appropriate to proposed university program.

USA: (For preliminary year) Grade 12 high school graduation with at least 16 academic units (four of English, two or three in each of mathematics, science, social studies and a second language) and minimum average of B or 3.0 in eight of these. At least four academic subjects in grade 12 required with B in at least three of these.

Hong Kong: Matriculation Certificate (Hong Kong University) or Hong Kong English School Certificate (since 1965) (Grades A-C) or GCE. For preliminary year, 5 passes at O-level. For first year, 5 passes with at least two A-levels, or 4 passes with at least three A-levels.

France: For first year, Baccalauréat (Part 1).

Philippines: For preliminary year, two years of university after 10 or 11 elementary and secondary cycle. For first year, three years of university after 10 or 11 elementary and secondary cycle.

Malaysia: University of Cambridge Higher School Certificate or Malaysia Higher School Certificate. For preliminary year, 5 passes at O-level. For first year, 5 passes including two at A-level, or 4 passes including three at A-level.

Other: Applicants submitting international baccalaureate considered for admission.

Application Deadlines

Closing date for receipt of application forms for admission from graduate students and foreign students, July 1. All other applications must be complete by last date of registration.

Costs (1986-1987)

Tuition: Fees are charged for the academic year, i.e., two semesters. Fees for undergraduate foreign students range from $4,890 (arts) to $7,912 (nursing and engineering). Graduate foreign students, $4,992.50. Fees for Canadian students, full-time undergraduate (including registration, tuition, library, laboratory, examination, university centre, health services, insurance, student government and activities, fees and professional society fees) range from $1,374 (education) to $1,507 (engineering). Part-time undergraduate, $136.50 per course. Full-time graduate tuition fees per year $1,012 to 1,033.50. Part-time graduate $241.50 per semester including incidental fees.

Residence: Room only $1,485 - $1,565, double; $1,760 - $1,835, single.

Meal plans range from $1,400 to $1,950.

Full-time students are those enrolled in at least four courses per semester. Part-time students are those enrolled in less than four courses per semester.

All fees subject to change without notice.

Academic Year

All courses one semester in length. First semester mid-September to mid-December; second semester mid-January to mid-April. Intersession: early May to mid-June. Summer session: early July to mid-August.

Grading System

A+ = 96; A = 90; A— = 83; B+ = 77; B = 72; C+ = 67; C = 62; D+ = 57; D = 52; F = 42; F— = 22. Supplemental examinations may be allowed in some areas. Certain options may be taken on pass/non-pass basis; grades are not included in the year's average.

Student Aid

A number of entrance awards in amounts of up to $5,000 (renewable) for academic excellence and general proficiency, are available to students. In addition, bursaries and other temporary financial assistance are available through an emergency loan fund. A limited number of in-course awards are also available to students beyond the first year. Additional assistance, based on financial need, is provided through the Ontario student awards program which is intended to assist students of the province who lack adequate family financial resources. This assistance is intended to supplement rather than replace family resources. Postgraduate fellowships and assistantships in varying amounts are offered for study towards master's or doctorate degrees.

Student Life and Services

The Students' Administrative Council represents the undergraduates of the university. The council is based on faculty/student population with the executive elected by the students at large. It is funded by a university grant and carries out student activities as judged necessary. The president of the Students' Administrative Council is an ex officio member of the senate of the university and a member of the board of governors.

The president of the Graduate Students' Society is elected by the graduate students, appoints his or her own executive, and is an observer on the board of governors.

Campus organizations provide social, political, religious, cultural and recreational opportunities. For students with special interests there are departmental clubs, national and local organizations and intercollegiate teams. The students operate a campus radio station and those interested in journalism or creative writing are encouraged to contribute to The Lance, The Ambassador and Generation. An International Students' Organization exists in cooperation with the Students' Administrative Council. The International Centre, which is located in Cody Hall, provides an educational and social milieu for overseas students. Counselling services, provided by the International Students' Advisor, are available. Please call 253-4232, ext. 3901.

A full service day nursery is located on campus. This is a parent cooperative with qualified Early Childhood Education teachers and individualized programs. Ages from two to five years are accepted, part and full time. Fee assistance is available.

Electa Hall accommodates 225 senior and graduate students and Sir Wilfrid Laurier Hall accommodates 356 women students. Sir John A. Macdonald Hall, Cody Hall and Huron Hall house a total of 775 students; 41 units consisting of two, three and four-bedroom apartments in Tecumseh Hall accommodate 186 students. Married students are accommodated in Geoffrey Fisher Hall.

Comprehensive medical care is offered to all students of the university. The medical office has physicians to advise students who are in need of care, therapy or hospitalization. First-aid stations are distributed throughout the University; an infirmary is located in Cody Hall. Students are required to submit a certificate of medical examination as a part of the admission procedure, and athletes must submit annual medical certificates.

Service to staff is limited to acute illness and injuries and follow-up care must be provided by the family physician. All food handlers are reviewed annually.

Charges for service are submitted to OHIP for students who are covered. Information concerning the accident insurance plan is available from the office of student affairs.

Academic, personal, financial and religious counselling is provided through the office of student affairs. The psychological centre, staffed with clinical psychologists, psychometrists and counsellors, offers programs in career planning, discussion groups, psychotherapy, reading and study skills, personal resource assessment, tension control and self-help.

Assistance in finding summer, part-time and permanent employment is provided by the campus placement officer who is appointed by the Canada Manpower Centre. Throughout the year interviews with prospective employers from business, industry and education are arranged for students registered with the placement office.

The University fosters an athletic program, which is both recreational and competitive. Approximately eighty per cent of the students participate in extensive intramural programs for both men and women involving some eighteen sports. While under the supervision of the Director of Campus Recreation, these programs are operated by the students who participate. For those who excel athletically, there is opportunity for competition within the Ontario-Quebec Athletic Association.

Each year brings an increase in the variety and number of special events scheduled on campus or through campus organizations. The well-established Christian Culture Series, conducted by the federated Assumption University, brings outstanding lectures and artists to the area throughout the academic year.

The School of Music and the School of Dramatic Art offer diverse programs including the University Band and Orchestra, the Pep Band, the University Players, the University Singers, and experimental theatre. University Players productions are intended for all students attending the University. Students are invited to participate in all aspects of the production as actors, technicians and other positions used in the performance. The program includes classical drama, modern drama and comedy, musicals, and children's plays.

Interest groups present debates, ethnic interest programs and club meetings. The campus organizations provide social, religious, cultural and recreational opportunities and experiences. For students having special abilities and interests there are departmental clubs, national and local organizations, and intercollegiate teams.

Handicapped students

The University attempts to meet the particular needs of handicapped students whenever possible. Curriculum changes may be arranged if necessary through consultation with individual professors. For more information regarding services for handicapped students, please contact the Assistant Dean of Students, ext. 3287.

Research Services

Research Services. Director: D.A. Cotter, BS, MS, PhD

Affiliated Colleges

Canterbury College, Windsor, Ontario, N9B 3P4 Telephone, (519) 256-6442. Anglican, co-educational. Established 1957. Cooperates with interdenominational department of religious studies at the university and provides social and religious centre for Anglican students. Residence facilities provided. Principal: Rev. F.T. Kingston, MA, LTh, BD, DPhil

Holy Redeemer College, Windsor, Ontario, N9B 3P4 Telephone, (519) 969-2840. Roman Catholic (Redemptorist). Men only. Established 1956. Seminary of Redemptorist Fathers and affiliated to faculties of arts and theology and authorized to offer instruction leading to BA of University of Windsor and BTh of Assumption University. Provides residence facilities and social and religious centre. Principal: Rev. A. Thomas, cssr, JCD.

Iona College, Windsor, Ontario, N9B 3P4 Telephone, (519) 253-7257. Cooperates with the university in provision of academic courses of United Church Theology. Residence facilities and social and religious centre available. Principal: Dr. J. Murray MacInnes, MA, MDiv

Federated University

Assumption University, Windsor, Ontario, N9B 3P4 Telephone, (519) 254-3783. Federated with the University of Windsor by provisions of the University of Windsor Act, 1962-1963. By federation agreement, holds in abeyance its degree-granting power during term of federation except in faculty of theology. Residence facilities and social and religious centre provided. President: Rev. D.G. Heath, STb, MA, DEd

The University of Winnipeg*

General Information

Address: 515 Portage Avenue, Winnipeg, Manitoba
R3B 2E9
Telephone: (204) 786-7811

President and Vice-chancellor: R.H. Farquhar, BA, MA, PhD, FCCEA

For a complete list of the University of Winnipeg faculty, see the Winnipeg calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to the Registrar, R.M. Bellhouse, BSc

High school liaison officer: J. Friesen, BSc(Hons), MSc, BEd

Enrolment (1985-1986):

Full-time undergraduate:	2,969
Part-time undergraduate:	4,239

Full-time faculty (1985-1984): 208

Total income (1984-1985): $28,758,000

General operating fund income

	('000)	
Government grants	$ 16,376	56.9%
Fees	5,051	17.6%
Miscellaneous	479	1.7%
Sub Total	$ 21,906	76.2%
Other funds income		
Ancillary enterprises	$ 1,535	5.3%
Special purpose and trust	967	3.4%
Sponsored research	974	3.4%
Plant	3,376	11.7%
Sub Total	$ 6,852	23.8%
TOTAL	$ 28,758	100%

History and Governance

Higher education began in Manitoba with the creation of the church colleges. The University of Manitoba was founded in 1877, largely on the initiative of these colleges, as an examining and degree-conferring body only. However, since 1904, instruction in arts and science has been given at both the university and the colleges. Two of these colleges were Manitoba College, founded by the Presbyterian Church in 1871, and Wesley College, founded by the Methodist Church in 1877. In 1926, following the union of Manitoba and Wesley colleges were merged, and they functioned from 1931 to 1938 as The United Colleges. They were incorporated as United College in 1938 and operated as an affiliated college of The University of Manitoba until granted university status in 1967. On July 1, 1967, United College became The University of Winnipeg. The name United College is retained to designate the arts and science faculty of the university which saw its first "Winnipeg" graduates in May 1968.

The University of Winnipeg is an autonomous, independent co-educational body with power to grant degrees in arts, science, education and theology. It is governed by a 32-member board of regents and a 67-member senate.

Buildings and Grounds

The university is located in downtown Winnipeg, the capital of the province of Manitoba and a city with a population of 590,000. It includes eleven buildings: Wesley Hall; George Bryce Hall; Manitoba Hall; Ashdown Hall; Graham Hall, part of which contains the men's residence; Sparling Hall, the university women's residence; Riddell Hall comprising the dining hall and cafeteria; Lockhart Hall; Centennial Hall which contains additional laboratory, classroom and seminar space, offices, cafeteria and student lounge space, as well as enlarged facilities for the expanding library; the Athletic Centre; and MacNamara Hall which houses the Child Care Worker Training Program and associated daycare centres. No student parking is available.

Library

The university library contains over 400,000 volumes. The reference collection holds more than 25,500 volumes and the periodicals collection includes approximately 2,400 titles and subscriptions, 18,500 reels of microfilm and a microform collection of 81,000 microfiches and microcards.

Programs and Degrees

A general program of study is three or four years (15 or 20 credits) and an honours program four years (20 credits) from senior matriculation.

One full credit normally represents one full course requiring either three lecture hours per week for two terms, or six lecture hours per week for one term. One half credit is usually equivalent to three lecture hours per week for one term. Extra partial credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

Arts

Bachelor of arts (BA) General, four-year and honours.
Master of arts (MA) At least two years from a general BA or one year from honours BA. Offered jointly with faculty of graduate studies, The University of Manitoba.

Master of public affairs (MPA) At least two years from general BA or one year from honours BA. Offered jointly with faculty of graduate studies, The University of Manitoba.

Science

Bachelor of science (BSc)
Bachelor of science (four-year) [BSc (four-year)] One year after completion of general BSc.

Education

Bachelor of education (BEd) Four years from senior matriculation.

Theology

Due to a commitment to the Division of Ministry and Education of the United Church of Canada, the faculty no longer accepts students beginning work for either the BTh or the MDiv degree. All such work for the prairie provinces is continued at Saskatoon. This does not apply to those clergy who, having received a diploma or testamur when they graduated in theology, wish to engage in extra work to qualify for the MDiv degree.

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* Ordinary member, AUCC

Master of sacred theology (STM) Two years from bachelor or master of divinity.

Continuing education

Evening classes: September to April. Classes are normally one night each week, three hours each night. There are undergraduate classes in arts and science for credit towards the BA and BSc degrees. A number of these classes are regularly scheduled at the Lord Selkirk Regional Secondary School in Selkirk, Manitoba.

Summer session: (1) May-June inclusive, normally two nights each week plus a limited number of sessions on a third night, three hours each night; (2) mid-May to end of June, normally two hours each day; (3) early July to mid-August, normally two hours each day, undergraduate classes in arts and science and education for credit towards BA, BEd and BSc degrees.

Collegiate division: complete program of study for grades 11 and 12. Summer school: grades 10, 11, and 12 courses offered in July and August for six weeks to students studying in preparation for August examinations.

Admission Requirements

Undergraduate

Manitoba: Standing in at least 20 credits from courses offered in Manitoba high school program. Courses must meet core requirements and other subject requirements of the high school program, and include at least three 300 courses in different subject areas with at least two chosen from English, français, French, German, Hebrew, Latin, Spanish, Ukrainian, biology, chemistry, geography, history, histoire, mathematics, music or physics. Other courses acceptable as the equivalent of 300 courses are computer science 305, music 305, native canadian language 305, private music option 305.

Other provinces: Students from other provinces must have equivalent certificates and subjects and meet minimum requirements for admission to university in the home province. Standing in English at the highest grade level (grade 12, or grade 13 in Ontario) is required. The following certificates are usually accepted as meeting the admission requirements of the University of Winnipeg. Alberta: grade 12 with a minimum average of 60 per cent on English 30 and four other subjects numbered 30 or 31. British Columbia: grade 12 in either the combined studies program or the selected studies program with a minimum C+ average. New Brunswick: grade 12 in the regular program (i.e. course numbers with the third digit 2 or 6) with first class standing. Newfoundland: grade 12 with a 60% average. Nova Scotia: grade 12 with a minimum average of 60 per cent on grade 12 English and four other academic subjects. Ontario: Secondary School Honour Graduation Diploma with a minimum average of 60 per cent on six year 5 credits. Prince Edward Island: grade 12 standing with a minimum average of 60 per cent on a university entrance program. Quebec: first year CEGEP (12 credits) in a pre-university program. Saskatchewan: division IV standing (21 credits) with a minimum average of 65 per cent on 7 approved credits including literature 30 and composition 30.

Mature students

Candidates at least 21 years of age who cannot meet normal admission requirements may qualify for admission as mature students by taking up to four full courses. Candidates will be required to submit evidence of academic suitability such as completion of a general high school program or some other postsecondary studies.

Senior citizens

Senior students are considered to be individuals 65 or over, or 60 to 64 years of age provided they are not gainfully employed. Senior students will be considered for admission if normal admission requirements are met. Proof of age is required.

Graduate

Students applying to the master of arts program must hold an honours bachelor of arts degree or have satisfactorily completed the pre-master's year. Those seeking admission to the master of sacred theology must hold a bachelor or master of divinity degree.

Special students

Candidates requiring one additional course to meet normal admission requirements may be admitted on probation for a year with concurrent registration in the university's high school division and in the faculty of arts and science. Students who have completed, in not more than two consecutive calendar years, at least 15 credits which include at least one 300 or 301 level course acceptable for regular admission, may register concurrently for university arts and science courses while they complete remaining high school courses required for university admission.

Foreign Students

Foreign students with academic credentials earned outside Manitoba will be considered for admission to the Winter Session only. Students whose mother tongue is not English must present evidence of proficiency in English: satisfactory scores on the University of Michigan English language test or the Test of English as a Foreign Language. The minimum acceptable score for the University of Michigan test is 85; the minimum TOEFL score is 570. There is an application fee required of foreign students. No admission quotas are in effect but course enrolment limitations could easily interfere with desired study programs.

UK, West Indies, East and West Africa and Hong Kong: Students must have GCE in five different subjects with at least two A-levels, or in at least four different subjects with three A-levels, or equivalent certificates.

France: Baccalaureate.

USA: Acceptable grade 12 academic high school graduation.

Other: Applicants submitting the international baccalaureate will be considered for admission and may be granted advanced standing in some cases.

Application Deadlines

Canadian candidates must submit applications by August 22; foreign students, by July 15.

Costs (1986-1987)

Tuition fees: $177.60 per course in arts, education and science, full or part-time.

Supplementary course services fee; $18.60 to $49.38 per course, depending on course classification.

Tuition fees are waived for senior students.

A full-time student is enrolled in 3 or more full course equivalents. A part-time student is enrolled in less than 3 full course equivalents.

Residence (Room only) double, $1,014 per person; single, $1,304 per person. No meal plan available.

Student fees (compulsory): Students' Association - ½/1 course $9, 1½ courses $18, 2 courses $27, 2½ courses $36, and 3+ courses $49.

Identification card $3.45. Athletic fee $10.

All fees subject to change without notice.

Academic Year

Winter session: mid-September to end of April. Summer sessions: (1) May-June inclusive; (2) early July to mid-August. February session: early February to early May (limited offerings).

Grading System

Standing is graded in each subject on a four point scale as follows: excellent, A+, A, A— (4.0); superior, B+ (3.5), B (3.0); slightly above average, C+ (2.5); average achievement, C (2.0); marginal pass, D (1.0); failure, F (0). To qualify for graduation, students must have, in all programs except the Honours Arts program, a 2.0 average on the courses presented for graduation. In Honours Arts, a 3.0 average is required in the Honours subject and a 2.75 average overall.

Student Aid

Entrance scholarships for Manitoba high school graduates and transfer students and undergraduate scholarships for continuing students are awarded on the basis of academic performance. Bursaries are awarded where financial need is demonstrated, and prizes and medals are awarded, mainly at graduation, on the basis of undergraduate academic performance. The greatest degree of financial assistance is available to Manitoba students through the bursary program of the Manitoba Department of Education. Further information may be obtained from the Awards section in the Office of the Registrar.

Student Life and Services

Student activities are administered by the Students' Association and financed by an annual students' association fee. An incorporated, non-profit organization, the Students' Association has exclusive control over student affairs at the university. The collegiate division, a special division of the university enrolling grade 11 and 12 students, has representation on the students' council in addition to a students' association and executive of its own to control activities within the division.

The various activities of the student body are coordinated by student directors. This group of directors administers the following fields on behalf of students: student public relations (radio and public relations); social events including freshman week, folk nights, concerts, and university dances; and publications, such as the weekly newspaper and yearbook. There are a number of choirs on campus and the athletic association is responsible for organizing sporting activities such as racquetball, karate, judo, badminton, squash and fencing. The athletic association also arranges intramural and intercollegiate competition.

The Students' Association also operates a small day care facility on campus.

The Students' Association appoints four representatives to the Board of Regents for one-year terms and six representatives to the Senate for one-year terms. In addition, the president of the Students' Association is a member of Senate ex officio.

Graham Hall, the university men's residence, accommodates 60 students and Sparling Hall for women accommodates 65 students. Food service facilities are provided through a dining hall and cafeteria in Riddell Hall, a buffeteria in Centennial Hall, and coffee shops in Lockhart and Wesley Halls.

A housing registry covering various types of accommodation is maintained during the summer months and at the beginning of the fall term by the University of Winnipeg Students' Association.

The university-operated bookstore is located in Centennial Hall.

A public health nurse is available Monday to Friday mornings to staff and students. There is no charge for this service. Handicapped students should make themselves known to the Associate Dean (Students) in the Office of the Dean of Arts and Science. He will assist them with any special services they may require.

Foreign students are required to provide themselves with health insurance coverage, available through the Office of the Registrar.

The student counselling service is available to students with academic, career or personal difficulties. There are special programs for freshmen students, in addition to academic and vocational counselling, behaviour modification programs, and a learning skills centre to help students correct language difficulties and poor reading habits.

The Canada Employment Centre operates a placement office at the university for students seeking part-time, summer or permanent employment. The office encourages employers to conduct recruiting visits at the university.

Research Institute

Institute of Urban Studies. Director: A.F.J. Artibise

Associated Institution

Mennonite Brethren College of Arts, 1 - 169 Riverton Avenue, Winnipeg, Manitoba R2L 2E5. Telephone, (204) 669-6575. Founded in 1944 and associated with The University of Winnipeg in 1970. Offers two years of a liberal arts program and extensive preparation for theology and Christian education. Also offers three-year bachelor of religious studies degree. The college has residential accommodation for single men and women and quarters for married students and their families. Coeducational, supported and controlled by the Canadian Mennonite Brethren Conference. President: D. Ewert, BA, BD, MA, MTh, PhD

York University*

General Information

Address: 4700 Keele Street, North York, Ontario M3J 1P3
Telephone: (416) 736-2100
Cable: YORKUNIV
Telex: 06-965502

President: H.W. Arthurs, BA, LLB, LLM, FRSCan

For a complete list of York University faculty, see the York calendar or the *Commonwealth Universities Yearbook.*

Enquiries: Direct general correspondence to: L.M. Burton, BSc, Registrar.

High school liaison officer: Dyanne Gibson, BA, MA

Enrolment (1985-1986):

Full-time undergraduate:	18,261
Part-time undergraduate:	12,178
Full-time graduate:	1,600
Part-time graduate:	1,447

Full-time faculty (1984-1985): 1,134

Total income (1984-1985): $176,099,000

General operating fund income	('000)	
Government grants	$ 99,216	56.3%
Fees	41,134	23.3%
Gifts	143	0.1%
Miscellaneous	3,628	2.1%
Sub Total	$144,121	81.8%
Other funds income		
Ancillary enterprises	$ 17,840	10.1%
Special purpose and trust	1,532	0.9%
Sponsored research	10,190	5.8%
Plant	2,416	1.4%
Sub Total	$ 31,978	18.2%
TOTAL	$176,099	100%

History and Governance

York University was founded in 1959 and was granted the Charter of Incorporation of York University from the Government of Ontario. The University accepted its first students in 1960 and granted its first degrees in 1966. In June 1965, after an initial period of affiliation with the University of Toronto, York became an independent institution. York began operations in quarters at Queen's Park in Toronto, moved to the Glendon campus in 1961, and in 1965, opened the York campus at Keele Street and Steeles Avenue which has become the principal seat of the University.

In 1962 the Joseph E. Atkinson College first offered degree courses for evening and part-time students, and in 1963 the faculty of arts and science introduced its program of degree studies. The university accepted its first postgraduate students in 1964. Glendon College was officially opened in 1966, and in that same year a faculty of administrative studies was established. The faculty of fine arts was established in 1967. In 1968, Osgoode Hall Law School became the faculty of law of the university, and separate faculties of arts and science were created. The faculty of environmental studies accepted its first students in 1969 and the faculty of education in 1971.

York University is a coeducational, provincially supported institution. Governance of the university is vested in a 32-member board of governors while academic policy is the responsibility of the senate.

Buildings and Grounds

The 600-acre York campus is situated in the city of North York in the northwest area of metropolitan Toronto. Readily accessible from downtown, the York campus is the main centre of the University and provides educational, residential and social facilities. In addition to academic buildings for the sciences, humanities, law, administrative studies, and fine arts, the campus facilities include six colleges and associated residences, Atkinson College and apartments for part-time students, a theatre/auditorium, physical education centre, an indoor skating rink, four libraries, two lecture-hall buildings, four graduate student apartments, a religious centre, a tennis centre, a track and field centre and a twin-dome astronomical observatory.

The 82-acre Glendon campus is situated in a parkland setting at Bayview and Lawrence Avenues in Toronto. Glendon College is largely residential with an enrolment limited to approximately 2,000 students. The campus consists of a main academic and administrative building, library, residences, and an athletic centre.

Libraries

York University Libraries are housed in five buildings: the Scott Library, Law Library, Government Documents/Administrative Studies Library and Steacie Science Library on the main campus, and the Leslie Frost Library at Glendon College. Government documents are located in the Administrative Studies Library. The book collections are growing at the rate of about 50,000 volumes a year and number more than 1,500,000 volumes. The libraries also house growing collections of microforms, maps, films, archives, phonograph records and other items, which bring the total collection to more than 3,000,000 items.

Programs and Degrees

Ordinary bachelor's degrees require the completion of 15 courses (usually taking three years), while specialized honours, honours, and combined honours require 20 courses (usually taking four years unless otherwise specified). These programs can be accelerated through summer studies or often slowed by part-time studies, depending on the needs for individual students. Master's degrees require one year from four-year bachelor's or honours degree unless otherwise specified. Doctorates require at least two years from master's degrees unless otherwise specified.

Three credits normally represent three lecture hours per week for one term. Six credits is usually equivalent to either three lecture hours per week for two terms or six lecture hours per week for one term. Extra credits may occasionally be awarded for labs or particularly demanding courses.

For detailed information on programs, see **Degrees and Diplomas** chapter.

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* Ordinary member, AUCC

Administrative studies

Bachelor of business administration (BBA) Four-year specialized honours program from senior matriculation. Two years in another undergraduate faculty followed by two years in faculty of administrative studies.

Master of business administration (MBA) Two years from three or four-year degree in courses other than business administration or commerce. Possibility of completion in one year from four-year degree in business administration or commerce. Open to part-time students.

Master of public administration (MPA) Two years from three or four-year degree in courses other than business administration or commerce. Possibility of completion in one year from four-year degree in business administration or commerce. Open to part-time students.

Doctor of philosophy (PhD) At least two years from MBA or MPA.

Arts

Bachelor of arts (BA) Ordinary and honours program.

Master of arts (MA)

Doctor of philosophy (PhD)

Education

Bachelor of education (BEd) Faculty of education only offers BEd concurrently with another degree offered by an academic faculty.

Three programs leading to the Ontario Teacher's Certificate in two divisions, primary-junior (grades kindergarten-6), junior-intermediate (grades 4-10), and intermediate-senior (grades 7-12/OAC).

The Faculty of education's BEd (in-service) degree program may be taken on a part-time or full-time basis. Designed for practising teachers who have already completed their basic training, this program normally provides candidates with additional Ministry of Education qualifications as well as degree credits.

Part-time or full-time diploma program offered in the area of education of exceptional students.

A Master of Education (MEd) program is offered in the area of language and learning problems, with specialization in learning disabilities and hearing impairment. Offered primarily for part-time study; full-time study available.

Environmental studies

Master environmental studies (MES) in Interdisciplinary programs tailored to meet specific needs and interests through the use of an individual plan of study, normally taking three academic years to complete. Persons with appropriate academic or professional qualifications may be granted advanced credit, after enrolment and submission of plan of study.

Fine arts

Bachelor of arts (BA honours)

Bachelor of fine arts (BFA honours)

Master of arts (MA) At least two years from first degree.

Master of fine arts (MFA) At least two years from first degree.

Law (Osgoode Hall Law School)

Bachelor of laws (LLB) Three years after third year of approved university course beyond junior matriculation, three years after second year of approved university course beyond senior matriculation, or three years after bachelor's degree from recognized university.

Master of laws (LLM) At least one year after LLB degree from approved law faculty or school. Open to part-time students.

Doctor of jurisprudence (DJur) At least one year after LLM degree from approved law faculty or school.

Science

Bachelor of science (BSc) Ordinary and honours programs.

Master of science (MSc) One or two years from four-year BSc plus additional work as required.

Doctor of philosophy (PhD) At least two years from MSc.

Joseph E. Atkinson College

Bachelor of arts (BA) Ordinary and honours. Part-time study.

Bachelor of science (BSc) Ordinary program. Part-time study.

Bachelor of administrative studies (BAS) Ordinary and honours programs. Part-time study.

Bachelor of social work (BSW) Honours program. Part-time study.

Master of social work (MSW) program. Part-time study.

Glendon College

Bachelor of arts (BA) Ordinary 15 full courses or 90 credits
Honours 20 full courses or 120 credits

Special programs

Interdisciplinary studies: York University's curriculum is based on the principle that students should be able to pursue a wide range of interdisciplinary studies along with their disciplinary specialty. Students select from a broad range of interdisciplinary courses in humanities, social sciences, and natural sciences as well as from courses in their own home department or faculty.

Combined programs: Combined Bachelor of laws and Master of environmental studies (LLB/MES) and Bachelor of laws and Master of Business administration (LLB/MBA) offered through Osgoode Hall Law School and the other two faculties.

Continuing education

Joseph E. Atkinson College offers degree programs for undergraduates on part-time basis in summer (day and evening), autumn/winter and January (evening) sessions. Part-time day studies are available in the faculties of arts and science in both the fall/winter and winter/summer sessions and in the faculty of fine arts in the fall/winter session. Glendon College offers part-time day studies with classes commencing in September and in January. In addition, the faculty of graduate studies offers part-time master of science degree programs in biology, physics, and chemistry, part-time master of arts studies in economics, English, geography, history, mathematics, philosophy, political science, social and political thought, social anthropology, social work, and sociology. The faculty of environmental studies allows students to study for master of environmental studies degree on part-time basis. Master of laws degree is available through part-time study at Osgoode Hall Law School. The faculty of education offers a mainly part-time BEd (in-service) degree program for practising teachers who have already completed their basic training. In most subject areas, additional Ministry of Education qualifications are obtained through the same credits. The faculty of education also offers a part-time or full-time diploma program in the education of exceptional students in summer, fall-winter, and winter sessions both on and off campus, and a part-time or full-time Master of Education (MEd)in language and learning problems. The faculty of administrative studies offers part-time graduate programs leading to master of business administration and master of public administration degrees.

Non-degree programs
The Centre for Continuing Education is the major unit within York University where academic non-degree studies and activities are offered. Relating to Faculty members, and to government, professional, business and community groups, the Centre designs and implements a range of seminars, symposia, workshops, conferences and courses in language and Community Studies, Education, and Management Development.

Programs in Language and Community Studies encompass a variety of Language Development Courses, including a Communications Studies Certificate program, a Conversational French Certificate program, a Summer Language Immersion program and an Intensive ESL program. A bridging program, to assist hesitant mature students to embark upon degree studies has been established and consists of courses in Humanities and Social Science among others.

Programs in Education include major annual conferences in Reading, Family Life, Special Education and Mathematics; a "Fridays at York" Symposia Series in Reading, Special Education, Family Life and Mathematics; an annual summer seminar in co-operation with the Shaw Festival Theatre; and a Driver Education Instructor's Course for Teachers.

Studies in Management include a Management Development Certificate program and a Data Processing and Computer Certificate program within a large number of courses, offered to assist those in business and government to acquire or improve managerial and administrative skills. Many of these offerings are designed to lead to specific professional designations and are sponsored on a continuing basis in co-operation with various Canadian professional associations.

Centre activities take place across the calendar year, on both the York and Glendon sites, on several off-campus locations across Metropolitan Toronto, and in Barrie.

Dedicated to effective collaboration with professional and general communities, the Centre invites interested individuals and groups to help build useful learning experiences for personal and professional growth.

Admission Requirements

Undergraduate
Ontario: Applicants must complete full Ontario grade 13 program with a minimum overall average of 60 per cent. Applicants to the faculty of fine arts must provide evidence of aptitude or achievement through faculty evaluation procedures. Early admission granted in June to candidates in final year of high school who show promise of success. Applicants should note that meeting the minimum requirements does not guarantee admission to the University. In the selection process, preference will be given to those applicants with the highest qualifications.

Other provinces: Candidates must submit certificates equivalent to Ontario grade 13. British Columbia, Alberta, Saskatchewan, Manitoba, New Brunswick, Nova Scotia, and Prince Edward Island, grade 12. Quebec, first year of collegial program at a CEGEP. Newfoundland, completion of first year of degree program at Memorial University of Newfoundland.

Transfer students
Applicants who have completed studies at an accredited post-secondary institution are eligible for Advanced Standing (Transfer Credit) consideration subject to Faculty evaluation. Assessment will be made only after an application, official transcripts and course descriptions of all courses completed has been received.

Foreign students
Applicants must present certificates equivalent to standing required for Canadian students.

UK and Commonwealth: Five GCE passes with at least two at A-level or passes in four subjects with at least three at A-level. School or higher school certificates may also be presented as equivalent to GCE regulations.

Hong Kong: University of Hong Kong matriculation certification or Hong Kong English school certificate with minimum grade of C.

USA: Scholastic aptitude test scores, both verbal and mathematical, required in addition to certificate of graduation from secondary school.

South and Central America: First year standing in a recognised institution of higher education.

International Baccalaureate: Passes in three subjects at Higher level and three subjects at Subsidiary level.

Other: Applicants presenting qualifications other than the above should contact the Admissions Office for information.

English Proficiency: Candidates whose first language is not English and who are applying with four years or less in a Canadian secondary school will be required to present proof of English facility. Satisfactory achievement in one of the following is acceptable: the Test of English as a Foreign Language; the Michigan English Language Assessment Battery; the York University Evaluation of English Facility. Further information will be forwarded upon receipt of an application for admission.

Les candidats francophones ne sont pas tenus de faire la preuve de facilité en anglais pour l'admission au Collège universitaire Glendon.

Mature students
Those 21 years of age or older as of the first day of classes for session to which admission is sought who do not meet normal admission requirements. A student applying as a mature student normally will be asked for: a) a personal letter indicating intent and outlining activities undertaken since the most recent academic experience or during it; b) letters of assessment of academic ability; c) birth certificate to prove eligibility; d) transcripts of high school record and subsequent academic experience. The university may also require a series of interviews of the mature candidate. A candidate will not be admitted as a mature student who: has attended university and does not meet university admission requirements; within the last two years attempted studies in fulfillment of York admission requirements but failed to do so; is not a resident of the province of Ontario, a Canadian citizen or permanent resident.

Senior citizens
Academic fees are waived for all Canadian Citizens or Permanent Residents sixty years of age or older.

Graduate
Applicants must be graduates of a recognized university with at least B (second-class) standing or have equivalent qualifications. Evidence of other relevant experience such as portfolios of work, letters of recommendation and

results of tests also considered. In a few exceptional cases, students without undergraduate degrees may be admitted to graduate programs in business administration and environmental studies.

Application Deadlines

Ontario grade 13 applicants who wish to be considered for early admission must submit applications and other necessary information to the Ontario Universities Application Centre. Exact dates for receipt of application forms for all undergraduate faculties and programs can be obtained by writing to the office of admission at York University. Atkinson College and the faculty of graduate studies handle their own enquiries through their separate admission offices.

Costs (1986-1987)

The senate and the board of governors reserve the right to change any fee without prior notice.

Tuition: Canadian students. Full-time undergraduate, all-inclusive fee, $1,479. Part-time undergraduate, $295.50 per full-year course. Full-time graduate, $1,704 per year. Part-time graduate, $366 per two-term course. Full-time administrative studies students, $1,605 per year. Part-time administrative studies students (MBA only), $160.50 per one-term course. Osgoode Hall Law School, $1,479 per two-term year.

Foreign students. Full-time undergraduate, all-inclusive fee, $4,876.50. Part-time undergraduate, $975.30 per full-year course. Full-time graduate, $8,452 per year. Part-time graduate, $1,538 per two-term course. Full-time administrative studies students, $5,820 per year. Part-time administrative studies students (MBA only), $582 per one-term course. Osgoode Hall Law School, $4,876.50 for LLB.

Residence: September 3, 1986 to May 10, 1987, $1,764 (single room) and $1,481 (double room). Compulsory meal plan for those in residence is $1,200.

Apartment accommodation is available for $239 (bachelor), $348 and $401 (one bedroom), and $401 to $516 (two bedrooms). These apartments are self-contained units.

Full-time students are those enrolled in 4 to 6 full courses per year.

Part-time students are enrolled in 1 to 3 full courses per year.

Student fees: Included in tuition fees listed above.

Academic Year

Faculties of arts, science, administrative studies, education, fine arts, and Glendon College: mid-September through April. Summer session: May to August or July to August. Winter-summer session (faculty of arts, sciences, first year only): January to August. Faculties of graduate studies and environmental studies: (fall term) September to December; (winter term) January to May; (spring/summer term) May through August. Osgoode Hall Law School: early September to mid-May. Atkinson College, part-time studies: (autumn/winter evening session) late September to early April; (winter session) January to early April; (summer evening session) mid-May to mid-August; (summer day session) July to mid-August.

Grading System

Grading system at York University varies with faculty in which student is registered. Generally speaking, courses are graded by letters A, B, C, D, E and F. Where the letter-grade system is used to assess performance, numerical values in the form of point values or percentages may be assigned to these grades. Some courses and seminars are graded on a pass/fail basis. Students are strongly advised to consult calendars for details.

Student Aid

York University offers Entrance Scholarships and President's Scholarships to those applicants to a first-year day-time undergraduate program who complete a current Grade 13 (or its Canadian equivalent) program with high academic standing. Additional Entrance Scholarships are awarded to Mature students presenting the best qualifications. A number of these Scholarships are renewable.

In-Course Scholarships are awarded to those York undergraduates (full-time and part-time) achieving the highest academic standing in the previous year's work.

York students can take advantage of the assistance programs administered by the province on the basis of financial need. As well, the University provides emergency loans. Students who are 60 years of age or older may request a tuition waiver. These students must be Canadian citizens or permanent residents of Canada.

A number of Entrance Scholarships are offered to students entering the first year of the LLB program at Osgoode Hall Law School. In addition, scholarships, bursaries, prizes and loans are outlined in the Osgoode Hall Law calendar and interested students should contact the Office of Financial Aid.

Graduate students at York University are eligible for a number of Graduate Scholarships and Fellowships for study in Canada and abroad. Details and application forms are available from the faculty of Graduate Studies.

For further information contact the Office of Financial Aid, Suite D, Room 43, East Office Building.

Student Life and Services

York University has 14 student governments, the primary units being the college councils and faculty societies in the faculty of graduate studies, the faculty of administration studies (Graduate Business Council), Osgoode Hall Law School and the faculty of environmental studies. Each of these student governments offers a wide range of student services and extra curricular programs to their members.

These primary student governments have formed a federation, The Council of the York Student Federation Incorporated (CYSF) which has assumed the role of a central student government at York University. The CYSF represents York students in external relations with other universities and organizations and supports a number of pan-faculty and pan-college student services.

The students elect members to the board of governors and to the senate and the university in faculty and general elections on an annual basis. There is no university ombudsman but masters of the York Colleges, the Glendon dean of students and the Provost of the University fulfill some of this function.

The university offers residence accommodation for single men and women on the Glendon and York campuses on a room and board basis. The main campus has six undergraduate residences accommodating 1,559 men and women and two residences on the Glendon campus for 427 students. In addition, accommodation for approximately 1,200 students is available in the York apartments, on the main campus.

Listings of accommodation in the vicinity of the York campus are maintained year-round by the Off-Campus Housing Office located in Room 124 Central Square in the Ross Building. Contact should be made in person. At Glendon College the off-campus housing office is situated in the Student Union office in York Hall. Listings are available beginning in August and throughout the academic year.

The university maintains a health service on both campuses, where nurses and doctors are on duty five days a week during the academic year. Minor complaints can be treated by the health service, and students, staff, and faculty are welcome to use its facilities.

Persons 21 years of age or over, or who are married, are no longer covered by their parents' insurance, and the university does not cover its students under the Ontario Health Insurance Plan. To obtain coverage students should complete the application forms available from OHIP. Premium assistance is available for all persons who have no taxable income. Applicants must have been Ontario residents for at least the previous twelve months.

Personal counselling available through the counselling and development centre while academic counselling is offered through student programs offices within individual faculties. Writing workshops are also offered through the faculties. Specialized services are offered and they include individual and group counselling, adult counselling and workshops designed to increase academic competence. A program for learning disabled students was begun in 1986.

Overseas students on campus may obtain information and assistance from the Office of the Foreign Student Advisor. Advisor: B. Hanning (416) 736-5144.

The Canada Employment and Immigration Commission maintains a Canada employment centre on each campus and is available to any member of the university community seeking full or part-time employment. The faculty of administrative studies maintains a student placement office for students in the master of business administration, master of public administration, and undergraduate business programs. The career centre offers general advice and information on career options and career planning.

Low income students can take advantage of the free legal aid services offered by Osgoode Hall law student volunteers under the Community and Legal Aid Services Programme (CLASP). Divisions concentrate on tenant, criminal, civil litigation, family law, and the administrative law division covers problems in workmen's compensation, UIC/immigration, employment standards, welfare and general administrative law.

A co-operative day care center on campus has facilities for 110 children from the ages of 6 weeks to 5;011; years. This service is available to students for a fee and participation.

The Scott Religious Centre is the focus for a number of activities sponsored by religious communities on campus.

University bookstores on the Glendon campus and the York campus stock titles of general interest as well as books required on university courses. Books are priced at the Canadian publisher's or distributor's recommended list price, and every effort is made to keep all prices competitive with those of other Toronto-area bookstores. A selection of stationery and other merchandise is also available.

York University provides an environment for disabled students which combines both architectural accessibility and academic flexibility. Accessibility is facilitated by a number of ramps, special washrooms, and cut curbs. The Centre for Handicapped Students assists disabled persons with a variety of services. Co-ordinator: Patrick Cluskey (416) 736-5140; (TDD) 736-5263. Students with learning disabilities should contact Dr. Marc Wilchesky (416) 736-2100 ext. 2304.

Athletic facilities on both campuses enable York students to participate in a wide range of intramural and intercollegiate sports. The facilities include an athletic injuries clinic, swimming pools, squash courts, weight training rooms, ice rinks, and archery and golf ranges.

Parking facilities are available on both campuses. For information, contact the parking offices at the Glendon campus and the York campus.

An express bus service operated by the university links the main campus with Glendon College. In addition, the Toronto Transit Commission operates nine bus services to the York campus: Keele 41B, Keele 41C, Keele 41D, Jane 35A, Jane 35B, Steeles West 60B, Steeles West 60C, York University 106, and Keele North 107. TTC buses run from Lawrence subway station to the entrance of the Glendon campus.

Research Institutes

Centre for Research in Experimental Space Science (CRESS). Director: R.W. Nicholls, ARCS, BSc, PhD, DSc, FInstP, FRAS, FAPS, FRSC

Centre for Research on Environmental Quality (CREQ). Director: H.I. Schiff, BA, MA, PhD, FRSC

Centre for Research on Latin America and the Caribbean (CERLAC). Director: A.B. Simmons, BA, MA, PhD

Institute for Social Research (ISR). Director: A.G. Darroch, BA, AM, PhD

LaMarsh Research Programme on Violence and Conflict Resolution. Director: D.P. Ellis, BA, MA, PhD

Research Programme in Strategic Studies. Director: R.B. Byers, BA, MA, PhD

Robarts Centre for Canadian Studies. Director: J.H. Lennox, BA, MA, PhD

University of Toronto/York University Joint Centre on Modern East Asia. Director: J. Ch'en, BA, MA, PhD, FRSC

University of Toronto/York University Joint Program in Transportation. Director: R.M. Soberman, BSc, SM, PhD

Constituent Colleges

Joseph E. Atkinson College, York University, North York, Ontario M3J 1P3. Telephone, (416) 736-5222. Established 1962. Offers evening and part-time courses leading to BA degrees. Dean: R. Bordessa, BA, PhD

Glendon College, 2275 Bayview Avenue, Toronto, Ontario M4N 3M6 Telephone (416) 487-6208. Established 1966 on Glendon campus. Small bilingual liberal arts college emphasizing Canadian Studies. Offers full-time and part-time courses leading to BA degrees. Courses taught in both English and French in all subject areas. Principal: P. Garigue, MC, BSc, PhD, FRSC

Osgoode Hall Law School, York University, North York, Ontario M3J 2R5 Telephone (416) 667-3961. Established in 1872, Osgoode became a constituent faculty of the university in 1968, and moved from downtown Toronto to its new site on the main campus in 1969. The school's teaching facilities and library, probably the largest in Canada, provide an excellent foundation for education and research. Offers courses leading to LLB, LLM and DJur degrees. Dean: J. McCamus, BA, MA, LLB, LLM

York University developed on the college system. All full-time undergraduate students are members of the college with which they are associated throughout their university careers. With the exception of Calumet, which is housed in Atkinson College, each college has its own dining hall, seminar rooms, recreation areas, and associated residence building. As members of small colleges of approximately 2,000 undergraduates, students have combined advantages of a small college atmosphere while enjoying facilities of a large university. There are seven colleges for full-time undergraduate students on the York campus. The following is a list of these colleges, their founding dates, telephone numbers, and respective college masters.

Norman Bethune College (1971): D.P. Lumsden, BA, MA, PhD. Telephone, (416) 736-5164.

Calumet College (1970): E. Winter, BSc, BEd, MA. Telephone, (416) 736-5098.

Founders College (1965): A. Haberman, BA, MA, PhD. Telephone, (416) 736-5148.

McLaughlin College (1968): G. Doxey, BSc, MA, Barrister-at-Law. Telephone, (416) 736-5128.

Stong College (1969): H.A. Bouraoui, LèsL, AM, PhD. Telephone, (416) 736-5132.

Vanier College (1966): D.H. Hobson, BA, MA, PhD. Telephone, (416) 736-5192.

Winters College (1967): M.S. Elliott, MA, PhD. Telephone, (416) 736-5142.

Degree, Diploma and Certificate Programs

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  - Area studies ... 314
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  - Biological sciences ... 317
  - Business administration ... 320
  - Chemistry ... 325
  - Cinema ... 326
  - Commerce ... 320
  - Communications ... 347
  - Computer science ... 326
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  - Food science ... 346
  - Forestry ... 342
  - Geography ... 343
  - Health education ... 344
  - History ... 345
  - Home economics ... 346
  - Journalism ... 347
  - Languages and literatures ... 348
  - Law ... 352
  - Library science ... 353
  - Marine science ... 353
  - Mathematics ... 353
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  - Political science ... 366
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  - Recreation ... 363
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  - Rehabilitation medicine ... 369
  - Religious studies ... 369
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Programmes préparant à un grade, un diplôme ou un certificat

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  - Chimie ... 325
  - Cinéma ... 326
  - Commerce ... 320
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  - Sciences de la terre ... 328
  - Sciences domestiques ... 346
  - Sciences économiques ... 329
  - Sciences forestières ... 342
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Guide

This guide is to be used in conjunction with the program information which follows.

The information indicates the universities which offer the programs listed and the levels at which they are offered. The information pertains only to programs that lead to a degree, diploma or certificate. Individual courses are not listed.

Minor specializations and combined programs have not been included in this directory, although both types of programs are available at many Canadian universities.

When two institutions have similar names, the province in which the institution is located is indicated in brackets. For example: Victoria (BC) refers to the University of Victoria located in Victoria, British Columbia; Victoria (Ont) refers to Victoria University located in Toronto, Ontario.

For information regarding undergraduate programs contact the university registrar. For information concerning graduate programs contact the dean of graduate studies.

Key

1	Doctorate
2	Master of philosophy
3	Master
4	Licence
5	Graduate diploma
6	Bachelor and first professional degree, major specialization or concentration
7	Undergraduate diploma or certificate
8	Special certificate
9	Major or diploma
10	Minor or certificate

Guide

Ce guide s'applique aux renseignements ci-après sur les programmes de cours.

Ces renseignements indiquent les universités qui offrent les programmes d'études énumérés et les niveaux auxquels ces programmes sont offerts. Ils concernent uniquement les programmes qui préparent à un grade, un diplôme ou un certificat. Les cours particuliers ne sont pas mentionnés.

Les programmes de spécialisation avec mineure et les programmes combinés ne figurent pas dans le présent répertoire bien que ces deux genres de programmes soient disponibles dans un bon nombre d'universités canadiennes.

Lorsque deux établissements portent des noms semblables, le nom de la province où se trouve l'établissement est inscrit entre parenthèses. Par exemple: Victoria (BC) se rapporte à l'University of Victoria située à Victoria en Colombie-Britannique, tandis que Victoria (Ont) se rapporte à la Victoria University située à Toronto, Ontario.

Pour obtenir des renseignements sur un programme d'études du premier cycle, veuillez écrire au secrétaire général de l'université. S'il s'agit de renseignements sur un programme d'études du deuxième ou troisième cycle, vous voudrez bien vous adresser au doyen des études supérieures.

Explication des numéros

1	Doctorat
2	Maîtrise en philosophie
3	Maîtrise
4	Licence
5	Diplôme d'études supérieures
6	Baccalauréat et premier diplôme professionnel
7	Diplôme d'études de 1er cycle
8	Certificat spécial
9	Majeure ou diplôme
10	Mineure ou certificat

Undergraduate and Graduate Programs

Programmes des 1er, 2e et 3e cycles

Agriculture/Agriculture

Agricultural biology
Guelph 1.3
McGill 6
Nova Scotia Agricultural 7
Saskatchewan 6

Agricultural business
Guelph 6

Agricultural chemistry
McGill 1.3.6
Nova Scotia Agricultural 7
Saskatchewan 6

Agricultural economics
British Columbia 1.3.6
Guelph 1.3.6
Lethbridge 6
McGill 6
Manitoba 1.3.6
Nova Scotia Agricultural 6.7
Saskatchewan 3.5.6

Agricultural engineering
Alberta 3.6
Guelph 1.3.6
McGill 1.3.6
Manitoba 3.6
Nova Scotia Agricultural 7
Saskatchewan 1.3.5.6
Technical University 1.3.6

Agricultural extension
British Columbia 3
Guelph 3
Saskatchewan 6

Agricultural land planning and development
Guelph 3.6

Agricultural mechanics
Guelph 6.8

Agricultural microbiology
Guelph 1.3.6
McGill 1.3

Agricultural sciences, general
McGill 6
Manitoba 6

Agriculture-English language program
Alberta 1.3.6
British Columbia 1.3.6
Guelph 1.3.6
McGill 1.3.6.7
Manitoba 1.3.6.7
Nova Scotia Agricultural 7
Saskatchewan 1.3.5.6.8

Agriculture-programme en langue française
Laval 1.3.6.9

Agro-économie
Laval 6
Moncton 7

Agronomy
Alberta 6
British Columbia 6
Saskatchewan 6

Animal science
Alberta 1.3.6
British Columbia 1.3.6
Guelph 1.3.6
McGill 1.3.6
Manitoba 1.3.6
Nova Scotia Agricultural 6.7
Saskatchewan 1.3.5.6

Apiculture
Guelph 1.3.6

Applied microbiology
Guelph 6
Saskatchewan 1.3.5.6

Bio-agronomie
Laval 6
Moncton 7

Biologie végétale
Laval 1.3

Biotechnology
Guelph 6

Botanical science
McGill 6

Community resource development
McGill 1.3.6

Crop science
Alberta 6
British Columbia 6
Guelph 1.3.6
Saskatchewan 1.3.5.6

Dairy science
British Columbia 1.3.6
Guelph 6
Manitoba 7

Économie rurale
Laval 3.9

Engineering agrology
Alberta 6

Entomology
Alberta 1.3.6
British Columbia 3.6
Guelph 1.3.6
McGill 1.3
Manitoba 1.3.6

Environmental horticulture
Guelph 1.3.6
Nova Scotia Agricultural 7

Field crops and plant breeding
Guelph 1.3

Génie rural
Laval 3.6

Grazing management
Alberta 6

Horticulture
British Columbia 6
Guelph 1.3.6
Nova Scotia Agricultural 7
Saskatchewan 3.5.6

Land development
Guelph 3

Land planning
McGill 1.3.6

Mechanized Agriculture
Saskatchewan 6

Microbiologie agricole
Laval 1.3

Plant ecology
Saskatchewan 1.3.5.6

Plant genetics
British Columbia 1.3.6
Guelph 1.3

Plant pathology
Alberta 1.3.6
British Columbia 1.3
Guelph 1.3
McGill 1.3

Plant physiology
Alberta 1.3.6
British Columbia 1.3
Carleton 1.3.6
Guelph 1.3
New Brunswick 1.3.6

Plant protection
Alberta 6
Guelph 1.3.6
Nova Scotia Agricultural 6

Plant science
Alberta 1.3.6
British Columbia 1.3.6
Guelph 1.3.6
McGill 1.3.6
Manitoba 1.3.6
New Brunswick 1.3.6
Nova Scotia Agricultural 6.7

Poultry genetics
British Columbia 1.3.6
Guelph 1.3

Poultry science
Alberta 6
British Columbia 1.3.6
Guelph 1.3.6
Saskatchewan 1.3.5.6

Renewable resources
McGill 1.3.6

Resource conservation
McGill 6

Resource economics and rural development
Guelph 1.3.6
New Brunswick 3

Resources management
British Columbia 1.3
Guelph 6

Rural economy
Alberta 1.3.6

Sciences agronomiques
Laval 1.3.6

Soil science
Alberta 1.3.6
British Columbia 1.3.6
Guelph 1.3.6
McGill 6
Manitoba 1.3.6
Nova Scotia Agric. 6
Saskatchewan 1.3.5.6

Sols
Laval 1.3

Wildlife resources
McGill 1.3.6
New Brunswick 3.6

Zoological sciences
McGill 6
New Brunswick 6

Zootechnie
Laval 1.3

Anthropology/ Anthropologie

Anthropologie
Laurentienne 6
Laval 1.3.6.9.10
Montréal 1.3.6.9.10
Saint-Boniface 6

Anthropology
Alberta 1.3.6
Athabasca 6
Brandon 6
British Columbia 1.3.6
Calgary 3.6
Campion 6
Carleton 3.6
Concordia 6.10
King's (Ont) 6
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 3.6
Prince Edward Island 6
Regina 6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 6
St. Thomas 6
St. Thomas More 6
Saskatchewan 3.5
SIFC 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 3.6
Victoria (BC) 3.6
Waterloo 6.10
Western 3.6
Wilfrid Laurier 6
Windsor 6
Winnipeg 6
York 6

Anthropology and archeology
Saskatchewan 6

Anthropology and boreal studies
Lakehead 6

Anthropology (linguistics specialization)
Toronto 1.2.3.6
Western 6

Anthropology and sociology
Athabasca 6
Concordia 6
Guelph 6
Memorial 6
Toronto 6

Archéologie
Québec à Montréal 8

Archéologie classique
Laval 1.3.6.10
Ottawa 6

Archeology
Alberta 3.6
Brock 6
Calgary 1.3.6
Concordia 10
Memorial 3.6
St. Thomas More 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Wilfrid Laurier 6

Classical archeology
Alberta 1.3.6
Brock 6
Concordia 10
Ottawa 6
Wilfrid Laurier 6

Classical history and archeology
Calgary 6
Lethbridge 6

Cross cultural studies and linguistics
Trinity Western 6

Folklore canadien-français
Sudbury 10

Folklore-English language program
Memorial 1.3.6

Museum studies
British Columbia 1.3.6
Toronto 3
Victoria (BC) 7

Muséologie
Montréal 3

Museology
Cape Breton 6
New Brunswick 3

Physical anthropology
Toronto 1.2.3

Prehistoric
Wilfrid Laurier 6

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1^er^ cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Sociological anthropology
Dalhousie 3.6
Toronto 1.2.3
York 1.3

Syro-Palestinian archeology
Toronto 1.2.3

West Asian archeology
Toronto 1.2.3

Architecture/Architecture

Architectural conservation
Victoria (BC) 7

Architectural science
Ryerson 6

Architecture-English language program
British Columbia 3.6
Calgary 3
Carleton 6
McGill 3.6
Manitoba 3
Technical University 3.6
Toronto 3.6
Waterloo 6

Architecture-programme en langue française
Laval 3.6
Montréal 6

Architecture de paysage
Montréal 6

City planning
Manitoba 3

Design industriel
Montréal 6

Housing and design
McGill 3

Industrial design
Alberta 6
Calgary 3
Carleton 6

Interior design
Manitoba 6
Ryerson 6

Landscape architectural technology
Ryerson 7

Landscape architecture
British Columbia 6
Guelph 3.6
Manitoba 3
Toronto 6

Planning
Toronto 3
Waterloo 1.3.6

Area Studies/Études géopolitiques

African studies
Carleton 6
Dalhousie 6
King's (NS) 6
McGill 6
Simon Fraser 10
Toronto 6
York 6

American studies
Carleton 6
Mount Allison 6
New Brunswick 3
Toronto 6

Asian studies
Alberta 6
British Columbia 1.3.6
Brock 6
Carleton 6
McGill 6
McMaster 6
Saint Mary's 6
Windsor 6

Assyriology
Toronto 6

Atlantic Canada studies
New Brunswick 7.9.10
Saint Mary's 6

Canadian and European community studies
Brock 6

Canadian Northern studies
McGill 5

Canadian plains area studies
Campion 6
Luther 6
Regina 3.6
SIFC 6

Canadian studies
Acadia 6
Alberta 6
Athabasca 6
Bishop's 6
Brandon 6
Brock 6
Calgary 6
Cape Breton 6
Carleton 3.6
Concordia 6.10
Dalhousie 6
Guelph 6
King's (NS) 6
Lakehead 9
Laurentian 6
McGill 6
McMaster 6
Manitoba 6
Memorial 6
Mount Allison 6
Mount St. Vincent 6
Ottawa 6
Prince Edward Island 6
Queen's 6
Sainte-Anne 6
St. Francis Xavier 6
Saint Mary's 3.6
Simon Fraser 6
Toronto 6
Trent 6
Waterloo 10
Wilfrid Laurier 6
Windsor 6
Winnipeg 6
York 6

Caribbean studies
York 6

Celtic studies
St. Francis Xavier 3.6
Toronto 6

Chinese studies
Regina 6
Toronto 1.2.3.6
Victoria (BC) 6

Commonwealth studies
Queen's 6

Community studies
Cape Breton 6

Czech and Slovak studies
Toronto 6

East Asian studies
Alberta 6
McGill 6
Toronto 1.2.3.6
York 6

East European studies
Alberta 1.3.6
Carleton 3.6
Manitoba 6
Queen's 6
Toronto 1.2.3.5.6

Egyptology
Toronto 6

Études africaines
Laval 10
Montréal 5

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Études américaines contemporaines
Québec à Montréal 5

Études arabes
Montréal 10

Études canadiennes-françaises
Sudbury 10

Études canadiennes
Laurentienne 6
Ottawa 6
Sainte-Anne 6
York 6

Études est-asiatiques
Montréal 9.10

Études françaises et québécoises
Bishop's 6

Études hispano-américaines
Laurentienne 6

Études hispaniques
Montréal 3.6.9.10

Études italiennes
Laurentienne 6
Montréal 9.10

Études juives
Montréal 10

Études néo-helléniques
Montréal 9.10

Études québécoises
Montréal 10
Québec à Trois-Rivières 3

Études russes
Laurentienne 6
Montréal 3.6.9.10

French Canadian studies
Campion 6
Carleton 3
McGill 6
Regina 6
Simon Fraser 10
York 6

General studies
Calgary 6
Trinity Western 6

German area studies
British Columbia 1.3.6
Brock 6
Campion 6
Memorial 6
Regina 6
Toronto 6

Greek studies
Campion 6
Regina 6
Toronto 6

Hellenistic Near Eastern studies
Toronto 6

Hispanic studies
British Columbia 1.3
McGill 3.6
Toronto 6
Trent 6

Humanities studies
McMaster 6
Trinity Western 6
Wilfrid Laurier 6

Hungarian studies
Toronto 6

Iberoamerican studies
Waterloo 10

Indian studies
Campion 6
Regina 6
SIFC 6

Islamic studies
McGill 1.3

Italian studies
King's (Ont) 6
Western 6

International studies
Carleton 6
Guelph 6
Mount Allison 6
Saint Mary's 6
St. Thomas More 6
Saskatchewan 6
Toronto 6

Japanese studies
British Columbia 1.3.6
Toronto 1.2.3.6

Jewish studies
McGill 3.6
Manitoba 6
Toronto 6

Korean studies
Toronto 6

Latin-American studies
McGill 6
Queen's 6
Regina 6
Simon Fraser 6
Toronto 6
Windsor 6
York 6

Latin-American and Caribbean studies
McGill 6

Middle East studies
McGill 6
Simon Fraser 10
Waterloo 10

Middle East and Islamic studies
Toronto 1.2.3

Modern European studies
Carleton 6

Native studies
Brandon 6
Campion 6
Carleton 3
Laurentian 6
Lethbridge 6
Luther 6
Manitoba 6
Regina 6
St. Thomas 6
SIFC 6
Saskatchewan 6
Sudbury 6
Toronto 6
Trent 6.7

Near Eastern studies
Manitoba 6
St. Thomas More 6
Saskatchewan 6
Toronto 1.2.3.6
Wilfrid Laurier 6

North American studies
McGill 6
New Brunswick 3

Pacific studies
Victoria (BC) 6

Russian studies
Brock 6
Campion 6
Concordia 6
McMaster 6
Memorial 6
Regina 6
Toronto 6
Western 6

Russian and East European studies
Toronto 3.5.6

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Russian and slavic studies
McGill 1.3.6

Scottish studies
Guelph 1.3

Self-elected specialization
Carleton 6
SFIC 6

Slavic area studies
British Columbia 3.6
Toronto 6
Waterloo 6

South Asian studies
Toronto 1.3

Soviet and East European studies
Carleton 3.6
Manitoba 6

Third World studies
Carleton 3.6
New Brunswick 9

Ukrainian Canadian studies
Manitoba 6

Ukrainian studies
Campion 6
Manitoba 3.6
Regina 6

Western Literature and civilization
Western 6

Western society and culture
Concordia 6

Art/Art

Art-English language program
Acadia 6
Alberta 3.6
Bishop's 6
Brock 6
Calgary 3.6
Campion 6
Guelph 6
Lakehead 6
Lethbridge 6
Luther 6.7
McMaster 6
Manitoba 6.7
Mount Allison 6
Nova Scotia Art 3.6
Ottawa 6
Regina 3.6
St. Francis Xavier 6
St. Thomas More 6
Saskatchewan 3.6
SFIC 6
Trinity Western 10
Victoria (BC) 3.6
Waterloo 6.10
Western 6
Wilfrid Laurier 6
Windsor 3.6
York 3.6

Art as applied to medicine
Toronto 6

Art conservation
Queen's 3

Art et artisanat
Québec à Chicoutimi 8

Art et traditions populaires
Laval 1.3.9.10
Sudbury 10

Art history
Acadia 6
Alberta 3.6
British Columbia 1.3.5.6
Calgary 6
Campion 6
Carleton 3.6
Concordia 3.6.10
Guelph 6
Lethbridge 6
Luther 6.7
McGill 1.3.6
McMaster 6
Manitoba 6
Mount Allison 6
Ottawa 6
Queen's 3.6
Regina 6
St. Thomas More 6
Saskatchewan 6
SFIC 6
Toronto 1.2.3.6
Victoria (BC) 3.6
Waterloo 6.10
Western 6
Windsor 6
Winnipeg 6
York 3.6

Art history and studio art
Bishop's 6
Concordia 6.10
Guelph 6
McMaster 6
Toronto 6
Waterloo 6.10

Art therapy
Concordia 5

Arts d'impression
Québec à Montréal 8

Arts of East Asia
Toronto 6

Arts et sciences
Montréal 10

Arts plastiques
Laval 6.9.10
Montréal 10
Ottawa 6
Québec, UQAT 8
Québec à Chicoutimi 3.6
Québec à Hull 6.8
Québec à Montréal 3.6.8
Québec à Trois-Rivières 6.8

Arts visuels
Laval 6.10
Moncton 6
Ottawa 6

Ceramics
Lethbridge 6
Manitoba 6.7
Nova Scotia Art 3.6.7
Regina 3
SFIC 6

Classical art
Ottawa 6

Communication graphique
Laval 6

Créativité: fondements et techniques
Montréal 10

Cultural conservation
Victoria (BC) 7

Cultural studies
Trent 6

Culture et civilisation
Montréal 10

Design
Alberta 3.6
Concordia 6
Nova Scotia Art 6.7
York 3

Design graphique
Québec à Montréal 6

Drawing
Guelph 6
Manitoba 6.7
Mount Allison 6
Nova Scotia Art 3.6.7
Regina 3
St. Thomas More 6

(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Drawing concluded)
Saskatchewan 3.6
SIFC 6
Windsor 6
York 3

Études des arts
Québec à Montréal 3

Expression artistique
Sherbrooke 10

Fashion
Ryerson 6.7

Fine arts
Bishop's 6
Brock 6
Lakehead 6
Lethbridge 6
Manitoba 6.7
Toronto 6
Trinity Western 6
Waterloo 6.10
Western 6
York 3

Graphic design
Concordia 6
Nova Scotia Art 6.7

Graphics
Nova Scotia Art 6.7
Regina 3
SIFC 6

Histoire de l'art
Laval 3.6.9.10
Montréal 3.6.9.10
Ottawa 6
Québec à Chicoutimi 8
Québec à Montréal 6

History in art
Victoria (BC) 3.6

History of art
Toronto 1.2.3.6

Indian art
Campion 6
Regina 6
SIFC 6

Indian and Inuit art
Carleton 3.6

Interrelated arts
Brock 6
Concordia 6

Painting
Alberta 3.6
Guelph 6
Manitoba 6.7
Mount Allison 6
Nova Scotia Art 3.6.7
Regina 3
St. Thomas More 6
Saskatchewan 3.6
SIFC 6
Victoria (BC) 3.6
Windsor 3.6
York 3

Peinture
Québec à Montréal 8

Photographie
Ottawa 6

Photography
Concordia 6.10
Mount Allison 6
Nova Scotia Art 3.6.7
Ottawa 6
Ryerson 6
St. Thomas More 6
Saskatchewan 3.6
York 3

Printmaking
Alberta 3
Campion 6
Concordia 6
Guelph 6
Luther 6
Manitoba 6.7
Mount Allison 6
Nova Scotia Art 3.6.7
Regina 6
St. Thomas More 6
Saskatchewan 3.6
SIFC 6
Victoria (BC) 3.6
Windsor 3.6
York 3

Sculpture-English language program
Alberta 3.6
Guelph 6
Lethbridge 6
Mount Allison 6
Nova Scotia Art 3.6.7
Regina 3
St. Thomas More 6
Saskatchewan 3.6
SIFC 6
Victoria (BC) 6
Windsor 3.6
York 3

Sculpture-programme en langue française
Québec à Montréal 8

Studio art
Acadia 6
British Columbia 3.6
Campion 6
Concordia 3.6
Guelph 6
Lethbridge 6
Luther 6
McMaster 6
Nova Scotia Art 3.6.7
Ottawa 6
Regina 6
St. Thomas More 6
Saskatchewan 3.6
SIFC 6
Simon Fraser 6.10
Toronto 6
Waterloo 6.10
Western 6
Windsor 3.6
York 3.6

Visual arts
Alberta 3
Brock 6
Campion 6.8
Lakehead 6
Luther 6.8
Nova Scotia Art 3.6.7
Ottawa 6
Regina 3.6.8
SIFC 6.8
Simon Fraser 10
Victoria (BC) 3.6
Western 6
Windsor 3.6
York 3.6

Visual arts and communication studies
Brock 6
Windsor 6

Visual communication design
Alberta 3.6

Biological Sciences/ Biologie

Anatomie
Laval 1.3.5
Ottawa 1.3

Anatomy
Alberta 1.3
British Columbia 1.3
Dalhousie 1.3
(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(Anatomy concluded)
Guelph 6
McGill 1.3.6
Ottawa 1.3
Queen's 1.3
St. Thomas More 6
Saskatchewan 1.3.5.6
Toronto 1.3.6
Western 1.3

Animal behavior
Carleton 1.3.6
New Brunswick 1.3
Toronto 6

Animal biology
Carleton 1.3.6
New Brunswick 1.3

Biologie
Laval 1.3.6
Moncton 3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 6
Québec à Montréal 3.6
Québec à Rimouski 6
Québec à Trois-Rivières 6
Sherbrooke 1.3.6.9.10

Biologie cellulaire et moléculaire
Ottawa 6

Biologie médicale
Québec à Trois-Rivières 6.8

Biologie moléculaire
Montréal 1.3

Biology
Acadia 3.6
Alberta 1.3.6
Bishop's 3.6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 3.6.10
Dalhousie 1.3.6
Guelph 6
King's (NS) 6
Lakehead 3.6
Laurentian 3.6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Memorial 1.3.6.8
Mount Allison 3.6
Mount Saint Vincent 6
New Brunswick 1.3.6
Ottawa 1.3.6
Prince Edward Island 3.6
Queen's 1.3.6
Redeemer 6
Regina 1.3.6
St. Francis Xavier 3.6
Saint Mary's 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 6
Trent 6
Trinity Western 6
Victoria (BC) 1.3.6
Waterloo 1.3.6
Western 6
Wilfrid Laurier 6
Windsor 1.3.6
Winnipeg 6
York 1.3.6

Biology and psychology
McMaster 6

Biotechnology
Guelph 6
Windsor 6

Biotechnology and genetic engineering
McMaster 6

Botany
Acadia 3.6
Alberta 1.3.6
Brandon 6
British Columbia 1.3.6
Calgary 6
Guelph 1.3.6
Manitoba 1.3.6
New Brunswick 1.3
Regina 1.3
Toronto 1.3.6
Victoria (BC) 6
Windsor 10

Cell and developmental biology
Carleton 1.3.6
New Brunswick 1.3
Victoria (BC) 1.3.6

Cell and molecular biology
Brock 3
Carleton 1.3.6
New Brunswick 1.3.6
Ottawa 6

Cell biology
British Columbia 1.3.6
Carleton 1.3.6
Dalhousie 1.3.6
King's (NS) 6
McMaster 6
Western 6

Cell biology and physiology
Alberta 6

Cellular and microbial biology
Calgary 6
Carleton 1.3.6

Developmental biology
Carleton 1.3.6
Dalhousie 1.3.6
King's (NS) 6
New Brunswick 1.3

Entomology
Alberta 1.3.6

Environmental biology
Brock 3
Carleton 1.3.6
Dalhousie 1.3.6
Guelph 1.3.6
King's (NS) 6
New Brunswick 1.3
Ottawa 6

Fisheries biology
Guelph 6
New Brunswick 1.3

Functional biology
Victoria (BC) 6

General science
British Columbia 6
Guelph 6
Lakehead 6
Laurentian 6
McMaster 6
New Brunswick 6
Ottawa 6

Genetic counselling
McGill 5

Genetics
Alberta 1.3.6
British Columbia 1.3.6
Carleton 1.3.6
Dalhousie 1.3.6
Guelph 1.3.6
King's (NS) 6
New Brunswick 1.3.6
Regina 1.3
Western 6

Histology
Carleton 1.3
Dalhousie 1.3.6

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Human biology
Guelph 6
Toronto 6

Human genetics
Carleton 6

Immunology
Alberta 1.3
Guelph 1.3
Ottawa 1.3
Toronto 1.3

Laboratory science
Ryerson 6.7

Laboratory science technology
Campion 6.8
Luther 6.8
Regina 6.8
SIFC 6.8

Liberal science
Laurentian 6
Waterloo 6

Life sciences
Carleton 1.3.6
McMaster 6
Ottawa 6
Queen's 6

Marine biology
British Columbia 6
Dalhousie 1.3.6
Guelph 1.3.6
Memorial 1.3.6
New Brunswick 1.3.6
Victoria (BC) 1.3.6

Microbial biology
Carleton 1.3.6
Dalhousie 1.3.6

Microbiologie
Laval 1.3.6
Ottawa 1.3
Saint-Boniface 6

Microbiology
Acadia 3
Alberta 1.3.6
British Columbia 1.3.6
Campion 6
Carleton 6
Dalhousie 1.3.6
Guelph 1.3.6
King's (NS) 6
Luther 6
Manitoba 1.3.6
New Brunswick 1.3
Ottawa 1.3
Queen's 1.3.6
Regina 1.3.6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Toronto 1.3.6
Victoria (BC) 1.3.6
Western 1.3.6
Windsor 10

Microbiology and immunology
McGill 1.3.6

Molecular biology
Carleton 1.3.6
Dalhousie 1.3.6
Guelph 1.3
King's (NS) 6
New Brunswick 1.3.6
Winnipeg 6

Molecular biology and biotechnology
McMaster 6

Molecular genetics and molecular biology
Guelph 1.3.6
Toronto 6

Natural sciences
Bishop's 3.6
Lakehead 6
Trinity Western 6

Neurobiology and comparative physiology
Carleton 1.3.6
New Brunswick 1.3

Neuroscience
Toronto 6

Paleobiology
McGill 6

Parasitology
Guelph 1.3
McGill 1.3
New Brunswick 1.3.6
Toronto 6

Physiologie
Laval 1.3
Ottawa 1.3

Physiology
Alberta 1.3.6
British Columbia 1.3.6
Carleton 1.3.6
Dalhousie 1.3
Guelph 1.3
Manitoba 1.3
McGill 1.3.6
New Brunswick 3
Ottawa 1.3
Queen's 1.3.6
St. Thomas More 6
Saskatchewan 1.3.5.6
Toronto 1.3.6
Western 1.3.6

Plant and animal morphology
Carleton 6
New Brunswick 1.3.6
Victoria (BC) 1.3.6

Plant and animal physiology
Carleton 1.3.6
New Brunswick 1.3.6
Victoria (BC) 1.3.6

Plant sciences
Alberta 1.3.6
McGill 1.3.6
Western 1.3.6

Psychobiology
Lethbridge 6

Scientific measurement (biology)
Concordia 10

Systematic biology
Carleton 1.3.6
Ottawa 6
Victoria (BC) 1.3.6

Terrestrial and freshwater ecology
Carleton 1.3.6
New Brunswick 1.3.6
Victoria (BC) 1.3.6

Virology
Carleton 3.6
McMaster 1.3

Watershed ecology
Trent 3

Wildlife biology
Acadia 3.6
British Columbia 1
Carleton 3.6
Guelph 1.3.6

Wildlife resources
McGill 1.3.6
New Brunswick 3.6

Zoologie
Saint-Boniface 6

Zoology
Acadia 3.6
Alberta 1.3.6
(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1^er^ cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(Zoology concluded)
Brandon 6
British Columbia 1.3.6
Calgary 6
Carleton 1.3.6
Guelph 1.3.6
Manitoba 1.3.6
New Brunswick 1.3.6
Regina 1.3
Toronto 1.3.6
Victoria (BC) 6
Waterloo 1.3.6
Western 1.3.6
Windsor 10
Winnipeg 6

Business Administration, Public Administration, Commerce/Administration des affaires, administration publique, commerce

Accounting
Acadia 6
Athabasca 6
Bishop's 6
British Columbia 1.3.6
Brock 6.
Calgary 6
Cape Breton 6
Carleton 6
Concordia 5.6.10
Dalhousie 6
Lakehead 6
McGill 6
McMaster 6
Manitoba 3.6
Memorial 3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 6
Ottawa 6
Regina 6.7.8
St. Francis Xavier 6
Saint Mary's 6
Saskatchewan 3.6
SIFC 10
Waterloo 3.6
Wilfrid Laurier 6.7
Windsor 3.6
York 1.3.6

Accounting technology
Cape Breton 7

Actuarial science
Toronto 6

Administration-bilingual program/programme bilingue
Concordia 1
McGill 1
Ottawa 3.5.6

Administration-English language program
Acadia 6
Alberta 3.6
Athabasca 6
Brescia 6
Brock 6.
Carleton 3.6
Concordia 1.3.6
Dalhousie 3
Huron 6
King's (Ont) 6
McGill 1
New Brunswick 3.5.6.8
Ottawa 3.5.6
Regina 3.6.7
Toronto 6
Trent 6
Waterloo 6
Wilfrid Laurier 3.6.7
Windsor 3.6.8
Winnipeg 6
York 1.3.6

Administration-programme en langue française
Laval 1.3.5.6.10
Moncton 6
Montréal 1
Ottawa 3.5.6
Québec à Chicoutimi 6.8
Québec à Hull 6.8
Québec à Montréal 1.6.8
Québec à Rimouski 5.6.8
Québec à Trois-Rivières 6.8
Québec, UQAT 6.8
Sainte-Anne 6.7
Sherbrooke 3.5.10

Administration correctionnelle
Ottawa 3

Administration des affaires
Laval 6
Moncton 3.6
Montréal 3.6
Québec à Montréal 3
Ottawa 3.8
Sherbrooke 3.6

Administration des coopératives
Laurentienne 6

Administration de la santé
Montréal 1

Administration de services
Québec à Montréal 8

Administration des services de santé
Montréal 3
Ottawa 3

Administration des services publics
Québec à Montréal 8

Administration des sports
Laurentienne 6
Ottawa 3.6

Administration générale
Ottawa 6
Sherbrooke 10

Administration of homes for the aged
McMaster 8

Administration publique
Moncton 3
Ottawa 3.6.8
Québec, École nationale d'administration publique 3

Administrative and commercial studies
Brescia 6
Huron 6
King's (Ont) 6
Western 6

Administrative management
Concordia 6.10
McMaster 8

Administrative office management studies
Brescia 6
Western 6

Affaires immobilières
Québec à Montréal 8

Affaires internationales
Ottawa 6

Analyse et gestion urbaines
Québec, École nationale d'administration publique 3
Québec, Institut national de la recherche scientifique 3
Québec à Montréal 3

Analyse financière
Québec à Montréal 8

Applied real estate
McGill 7

Applied studies
Waterloo 6

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Arts management and administration
Toronto 6
Waterloo 7
York 3

Banking studies
McGill 7
McMaster 8
Regina 8

Business
Redeemer 6
Toronto 10

Business administration
Acadia 6
Alberta 1.3.6
Athabasca 6
Bishop's 6
Brandon 10
British Columbia 1.3.6
Brock 6
Calgary 3
Cape Breton 6
Carleton 3.6
Concordia 3
Dalhousie 3.6
Guelph 6
Lakehead 5.6
Laurentian 3.5
McGill 3
McMaster 1.3.6.8
Manitoba 3.6
Memorial 3
Mount Saint Vincent 6.7.8
New Brunswick 3.5.6.8
Ottawa 3.6.8
Prince Edward Island 6
Queen's 1.3.5.6
Regina 6
Ryerson 6.7
Sainte-Anne 6.7
St. Francis Xavier 6
Saint Mary's 3.6
Saskatchewan 3.8
SIFC 10
Simon Fraser 1.3.6
Toronto 1.3
Trinity Western 6
Waterloo 6
Western 1.3.5.6
Wilfrid Laurier 3.6.7
Windsor 3.6.8
York 1.3.6

Business administration (science option)
St. Francis Xavier 6

Business administration technology
Cape Breton 7

Business education-trust
McMaster 8

Business organization and management technology
Cape Breton 7

Business studies
Concordia 10

Chartered accounting
Brock 6
McGill 5
Waterloo 3.6

Commerce and economics
McMaster 6

Commerce-English language program
Alberta 6
British Columbia 6
Calgary 6
Carleton 6
Concordia 6
Dalhousie 6
Lakehead 6
Laurentian 6
McGill 3.6
McMaster 6
Manitoba 6
Memorial 3.6
Mount Allison 6
Ottawa 6
Queen's 6
RMC 6
Saint Mary's 6
Saskatchewan 6
Toronto 6
Trinity 6
Windsor 3.6.8

Commerce-programme en langue française
Laurentienne 6
Moncton 6
Ottawa 6
RMC 6

Community health management
Toronto 3

Comptabilité
Laval 4.10
Moncton 6.8
Montréal 10
Ottawa 6

Comptabilité de gestion
Sherbrooke 10

Comptabilité de management
Québec à Montréal 6

Comptabilité financière
Sherbrooke 10

Comptabilité générale
Québec à Hull 8
Québec à Montréal 8

Correctional administration
Ottawa 3

Credit union studies
McMaster 8

Development studies
Toronto 5
Trent 6

Économie et gestion des systèmes de petites et moyennes dimensions
Québec à Trois-Rivières 3

Entrepreneurial studies
McGill 6
York 1.3

Études coopératives
Laurentienne 8
Moncton 8

Finance-English language program
Acadia 6
Alberta 6
Bishop's 6
British Columbia 1.3.6
Brock 6.
Calgary 6
Carleton 3.6
Concordia 6.10
Dalhousie 6
McGill 6
Manitoba 3.6
Memorial 3.6
New Brunswick 6
Ottawa 6
Regina 6
Saint Mary's 6
Saskatchewan 6
Toronto 1.3.6
Wilfrid Laurier 6
Windsor 3.6
York 1.3.6

Finance-programme en langue française
Moncton 6.8
Montréal 3
Ottawa 6

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1^er^ cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Financial accounting
Mount Allison 6
York 3.6

Financial information systems
Regina 6

Fiscalité
Sherbrooke 3

Food services
Alberta 6
McGill 6
Memorial 6

Foremanship
McMaster 8

General administration
Concordia 6

General business
Manitoba 3.6
Saskatchewan 6

Gestion administrative
Québec à Montréal 8

Gestion des affaires
Moncton 3

Gestion de la construction
Québec, École de technologie supérieure 8

Gestion des coopératives
Montréal 10

Gestion d'entreprise
Montréal 10

Gestion de la main-d'oeuvre
Laval 10
Québec à Montréal 8

Gestion du marketing
Montréal 10
Sherbrooke 10

Gestion des opérations
Moncton 8

Gestion des pêches
Moncton 6

Gestion du personnel
Moncton 8

Gestion du personnel et relations du travail
Québec à Montréal 8

Gestion des petites et moyennes entreprises
Montréal 10

Gestion des petites et moyennes organisations
Québec en Abitibi-Témiscamingue 3
Québec à Chicoutimi 3

Gestion de la production et des opérations
Montréal 10

Gestion des politiques scolaires
Québec à Montréal 8

Gestion et prospective du travail
Québec, Télé-université 8

Gestion d'entretien
Québec à Chicoutimi 8

Gestion de projet
Montréal 3
Québec en Abitibi-Témiscamingue 3
Québec à Chicoutimi 3
Québec à Hull 3
Québec à Montréal 3
Québec à Trois-Rivières 3

Gestion des ressources humaines
Montréal 3.10
Ottawa 6
Québec à Chicoutimi 8
Québec à Rimouski 8
Québec à Trois-Rivières 8
Sherbrooke 10

Gestion des services municipaux
Québec à Montréal 8

Gestion et intervention touristiques
Québec à Montréal 6

Gestion financière
Montréal 10

Gestion informatisée
Québec à Montréal 8
Québec à Rimouski 8

Gestion internationale
Montréal 3

Gestion policière
Québec à Trois-Rivières 8

Graphic communications management
Ryerson 6

Health and social services management
McGill 7

Health services administration
Alberta 3.5
British Columbia 3
Dalhousie 3
Ottawa 3
Saskatchewan 6.8
Toronto 1.3

Hospital administration
Ottawa 3

Hospitality administration technology
Cape Breton 7

Hospitality and tourism management
Mount Saint Vincent 6
Ryerson 6.7

Hotel and food administration
Guelph 6
Mount Saint Vincent 6

Human resources management
Bishop's 6
Concordia 6
Ottawa 6

Human resources development
McMaster 8

Indian management and administration
Regina 6
SIFC 10

Indian business administration
Saskatchewan 7

Industrial administration
British Columbia 6

Industrial management
McMaster 8

Industrial relations
Alberta 6
British Columbia 1.3.6
Carleton 3.6
Concordia 6
Lakehead 9
McGill 6
McMaster 8
Manitoba 3.6
Memorial 3.6
New Brunswick 6
Ottawa 8

(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Industrial relations concluded)
Queen's 3
Saskatchewan 6
Toronto 3
York 3.6

Information and management systems
Carleton 3.6
Toronto 3

Informatique de gestion
Moncton 6

Institutional administration
Concordia 5

Institutional food service management
Guelph 6
Mount Saint Vincent 6

Insurance studies
McMaster 8

International business
British Columbia 3.6
Carleton 3.6
Concordia 10
Dalhousie 3
McGill 6
Ottawa 6
York 3.6

Labour relations
Carleton 3.6
McMaster 8
Manitoba 6
Ottawa 8
Regina 6
Windsor 8

Labour-Management relations
McGill 6

Management
Acadia 6
British Columbia 1.3
Brock 6
Calgary 6
Carleton 3.6
Concordia 6.10
Dalhousie 3.6
Lakehead 6
Lethbridge 6
McGill 5.7
Manitoba 8
Memorial 3.6
Moncton 6.8
Montréal 3
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 6
Ottawa 3.5.6
Regina 3
St. Francis Xavier 6
Saint Mary's 6
Saskatchewan 3.6
Toronto 1.3
Waterloo 1.3.6.10
Windsor 3.6
York 3.6

Management accounting
Dalhousie 3.6
McGill 7
Waterloo 3.6
York 3.6

Management and administration
McMaster 8

Management des services publics régionaux
Québec à Hull 5

Management economics
Alberta 6
Guelph 6

Management et politique publics
Ottawa 6

Management information systems
British Columbia 1.3.6
Calgary 6
Carleton 3.6
Lakehead 6
McGill 6.7
Manitoba 6
Ottawa 6
St. Francis Xavier 6
York 3.6

Management of organizations and human resources
Calgary 6
Carleton 3.6

Management policy
McGill 6
York 1

Management science and systems
Alberta 6
Bishop's 6
McGill 6
McMaster 1.3
Simon Fraser 6

Management technology
Cape Breton 7

Marketing-English language program
Acadia 6
Alberta 6
Bishop's 6
British Columbia 1.3.6
Brock 6
Calgary 6
Carleton 3.6
Concordia 6.10
Dalhousie 6
Lakehead 6
McGill 6.7
McMaster 6
Manitoba 3.6
Memorial 6
New Brunswick 6
Ottawa 3.6
Saint Mary's 6
Saskatchewan 6
Wilfrid Laurier 6
Windsor 3.6
York 1.3.6

Marketing-programme en langue française
Moncton 8
Montréal 3
Ottawa 3.6
Québec à Montréal 8

Marketing research
Concordia 10

Marketing technology
Cape Breton 7

Méthodes quantitatives
Moncton 6

Municipal administration
McMaster 8

Natural resources management
Toronto 3

Operations management
Regina 6

Operations research
Carleton 3.6
Concordia 10
Dalhousie 3
Manitoba 3.6
Waterloo 6

Organizational and career development
Windsor 8

Organizational behavior and personnel
McGill 6

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Organizational behavior/industrial relations
Alberta 6
Manitoba 6
York 1.3.6

Organizational theory and behavior
Alberta 6
British Columbia 1.3.6
Brock 6
Dalhousie 6
New Brunswick 6
Regina 6
York 1.3.6

Personnel administration
Brock 6
Lakehead 6
Waterloo 10

Personnel management
Concordia 10
McGill 7
McMaster 8
Waterloo 6

Personnel and industrial relations
McMaster 6
Toronto 10

Police administration
McMaster 8

Production-English language program
Memorial 6

Production/operations management
Manitoba 6

Production-programme en langue française
Montréal 3

Production systems
Concordia 10

Public accountancy
McGill 5

Public administration
Alberta 3
Athabasca 6
Brock 6
Carleton 3.5.6.8
Dalhousie 3.5.7.8
Laurentian 7
McGill 6
New Brunswick 3.5.6.8
Ottawa 3.6.8
Prince Edward Island 7.8
Queen's 3
Regina 3.8
Ryerson 6.7
St. Thomas More 6
Saskatchewan 6
Toronto 10
Trent 6
Victoria (BC) 3
Waterloo 7
Western 7
Windsor 6.8
York 3

Public affairs
Manitoba 3
Winnipeg 3

Public policy and administration
Concordia 3

Public policy and public management
Ottawa 6

Public relations
McGill 7
Mount Saint Vincent 6
Regina 8

Public sector management
Carleton 3.5.6
Dalhousie 6
McGill 6
Regina 3
Victoria (BC) 7

Quantitative methods
Acadia 6
British Columbia 1.3.6
Brock 6
Carleton 3.6
Concordia 6.10
Dalhousie 6
McGill 6
Manitoba 3.6
Memorial 3.6
New Brunswick 6
Regina 6
Saskatchewan 6

Recherche opérationnelle
Montréal 6
Québec à Trois-Rivières 6

Relations de travail
Québec, UQAT 8

Relations industrielles
Laval 1.3.6.9.10
Montréal 1.3.6.10
Ottawa 8
Québec à Hull 8

Relations interpersonnelles
Montréal 10

Relations publiques
Montréal 10

Retail administration
McMaster 8

Santé et sécurité du travail
Montréal 10
Québec, UQAT 8
Québec à Chicoutimi 8
Québec à Hull 8
Québec à Montréal 8
Québec à Rimouski 8
Québec à Trois-Rivières 8
Sherbrooke 10

Sciences administratives
Montréal 5

Sciences comptables
Québec, UQAT 6.8
Québec à Chicoutimi 8
Québec à Hull 6.8
Québec à Montréal 6.8
Québec à Rimouski 8
Québec à Trois-Rivières 5.6.8

Sciences de la gestion
Montréal 3
Ottawa 3.5.6

Sécurité et hygiène industrielles
Québec à Trois-Rivières 3

Sports administration
Concordia 5
Laurentian 6
Ottawa 3.6
York 8

Systèmes d'information
Montréal 3.10

Systèmes informatiques et de gestion
Ottawa 6

Tourism management
McGill 5

Transportation and utilities
British Columbia 6

Transportation management
McGill 7
New Brunswick 9
Toronto 3

Urban land economics
British Columbia 6

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Chemistry/Chimie

Analyse chimique
Québec à Montréal 8

Analyse chimique instrumentale
Québec à Trois-Rivières 8

Analytical chemistry
Carleton 1.3
Concordia 6
New Brunswick 3
York 1.3

Applied biochemistry
Guelph 6

Applied chemistry
Calgary 6
Carleton 1.3
Guelph 6
McMaster 6
New Brunswick 6
Toronto 1.3.6
Waterloo 6

Biochemistry
Acadia 3.6
Alberta 1.3.6
Bishop's 3.6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.6
Campion 6
Carleton 1.3.6
Concordia 6
Dalhousie 1.3.6
Guelph 6
King's (NS) 6
Laurentian 6
Luther 6
Manitoba 6
McGill 1.3.6
McMaster 1.3.6
Memorial 1.3.6
Mount Allison 6
New Brunswick 1.3
Ottawa 1.3.6
Queen's 1.3.6
Regina 1.3.6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Victoria (BC) 1.3.6
Waterloo 6
Western 1.3.6
Windsor 6
York 1.3

Biochimie
Laval 1.3.6
Moncton 6
Ottawa 1.3.6
Québec à Montréal 6
Québec à Trois-Rivières 6
Sherbrooke 6

Chemical physics
McMaster 1.3

Chemistry
Acadia 3.6
Alberta 1.3.6
Bishop's 3.6
Brandon 6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.6
Campion 6
Carleton 1.3.6
Concordia 1.3.6.10
Dalhousie 1.3.6
Guelph 1.3.6
King's (NS) 6
Lakehead 3.6
Laurentian 3.6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 6
Memorial 1.3.6
Mount Allison 3.6
Mount Saint Vincent 6
New Brunswick 1.3.6
Ottawa 1.3.6
Prince Edward Island 6
Queen's 1.3.6
Regina 1.3.6
RMC 3
St. Francis Xavier 3.6
Saint Mary's 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Trent 3.6
Trinity Western 6
Victoria (BC) 1.3.6
Waterloo 1.3.6
Western 1.3.6
Wilfrid Laurier 6
Windsor 1.3.5.6
Winnipeg 6
York 1.3.6

Chemistry and biological sciences
McGill 6

Chemistry-geology
Concordia 6
McMaster 6
Toronto 6

Chemistry, inorganic/analytical
McGill 6
Toronto 1.3

Chemistry and mathematics
McGill 6

Chemistry and physics
McMaster 6

Chemistry, radioanalytical
McGill 6

Chimie
Laval 1.3.6.9
Moncton 3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 6
Québec à Montréal 3.6
Québec à Rimouski 6
Québec à Trois-Rivières 3.6.8
Royal Military College 3
Saint-Boniface 6
Sherbrooke 1.3.6.9.10

Électrochimie appliquée
Montréal 5
Québec à Montréal 5

General science
British Columbia 6
Lakehead 6
Laurentian 6
McMaster 6
New Brunswick 6
Ottawa 6
Waterloo 6
Windsor 6

Geochemistry
Carleton 6
McMaster 1

Liberal science
Laurentian 6

Organic chemistry
Toronto 1.3

Physical and theoretical chemistry
Toronto 1.3

Scientific measurement (chemistry)
Concordia 10

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
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9. Majeure ou diplôme 10. Mineure ou certificat

Cinema/Cinéma

Cinema
Concordia 6.10
Saint Paul 7
Toronto 6

Cinéma
Laval 10
Saint-Paul 7

Études cinématographiques
Montréal 3.9.10
Québec à Chicoutimi 8

Film-English language program
British Columbia 3.6.7
Brock 6
Campion 6
Carleton 6
Concordia 6.10
Luther 6
Manitoba 6
Queen's 6
Regina 3.6
SIFC 6
Simon Fraser 6.10
Waterloo 6.10
Western 6
York 3.6

Film production
British Columbia 3
Concordia 6
Simon Fraser 6.10
York 3.6

Film and Television
British Columbia 7

Initiation à la scénarisation cinématographique
Québec à Montréal 8

Computer Science/ Informatique

Application de l'informatique
Québec à Chicoutimi 8

Applied computer science
Carleton 6
Ryerson 6

Computation
Carleton 3.6
McMaster 3
Simon Fraser 6

Computer-based information systems
McGill 7

Computer communications
Ottawa 1.3
Simon Fraser 6

Computer mathematics
Carleton 3.6
Simon Fraser 6
Toronto 6

Computer programming
Carleton 3.6
Simon Fraser 6

Computer science
Acadia 3.6
Alberta 1.3.6
Bishop's 6.7
Brandon 6
British Columbia 1.3.6
Brock 6
Calgary 1.3.6
Campion 6
Carleton 3.6
Concordia 1.3.5.6.10
Dalhousie 6
Guelph 6.8
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 6
Manitoba 1.3.6
Memorial 3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 3.6
Ottawa 3.6
Queen's 3.6
Regina 6.8.9
RMC 3
Royal Roads 6
St. Francis Xavier 6
St. Jerome's 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6.7
Simon Fraser 1.3.6
Technical University 3.6
Toronto 1.3.6
Trinity Western 10
Victoria (BC) 3.6
Waterloo 1.2.3.6
Western 3.6
Windsor 6
York 6

Computer science (digital systems option)
Concordia 6
Simon Fraser 6

Computer science (general business option)
Carleton 6
Concordia 6
Simon Fraser 6
Winnipeg 6

Computer science for data management
Toronto 6

Computer science (general science option)
Carleton 6
Concordia 6
Simon Fraser 6

Computer science (mathematics option)
Carleton 6
Concordia 6
Simon Fraser 6

Computer science and engineering
Ottawa 1.3
Simon Fraser 6

Computer science and mathematics
McMaster 6

Computer science and physics
Toronto 6

Computer science and statistics
McMaster 6

Computing and computer electronics
Simon Fraser 6
Wilfrid Laurier 6

Computing and data processing
Ottawa 3.6
Regina 8
Toronto 1.3

Computing and information science
Guelph 6
Queen's 3.6
Simon Fraser 6

Data analysis
New Brunswick 6

Data processing
Concordia 6

Data processing technology
Cape Breton 7

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Health information science
Victoria (BC) 6

information and management systems
Ottawa 6
St. Francis Xavier 6
Simon Fraser 6

Informatique
Laurentienne 6
Laval 3.6.10
Montréal 1.3.6.9.10
.Ottawa 3.6
Québec à Hull 6
Québec à Montréal 8
Québec à Rimouski 8
Québec à Trois-Rivières 3.6.8
RMC 6
Sherbrooke 6

Informatique appliquée
Moncton 6
Montréal 10

Informatique appliquée à l'éducation
Québec, Télé-université 8

Informatique de génie
Laval 6

Informatique de gestion
Laval 6
Québec, UQAT 6.8
Québec à Chicoutimi 8
Québec à Hull 8
Québec à Montréal 3.6
Sherbrooke 6

Informatique-mathématique
Laurentienne 6
Laval 6
Montréal 6

Micro-informatique
Québec à Hull 8

Micro-informatique appliquée
Québec, Ecole de technologie 8

Microcomputer series
McMaster 8

Microsystèmes
Québec à Hull 8

Systèmes d'information et de gestion
Ottawa 6

Criminology/Criminologie

Corrections
McMaster 8

Crime and deviance
Toronto 6

Criminologie
Montréal 1.3.6.10
Ottawa 3.6.8

Criminology
Alberta 6
Manitoba 6
Memorial 7
Ottawa 3.6.8
Saint Mary's 6.8
Simon Fraser 3.6.8
Toronto 3.6.8

Criminology and criminal justice
Carleton 6
Windsor 8

Law enforcement studies
Carleton 8

Law enforcement and administration
Toronto 8

Police studies
Memorial 6

Dance/Danse

Dance
Alberta 6
British Columbia 6
Ryerson 7
Simon Fraser 6
Waterloo 6
Western 10
York 3.6

Dance education
Calgary 6
Waterloo 6

Dance history and criticism
Waterloo 6
York 3.6

Danse
Montréal 10
Québec à Montréal 6

Modern dance
Concordia 6

Dentistry/Art Dentaire

Biologie dentaire
Montréal 3

Chirurgie dentaire
Laval 8

Community dentistry
Alberta 1.3

Dental hygiene
Alberta 7
Dalhousie 7
Manitoba 7

Dental public health
Toronto 5

Dental surgery
Alberta 6
Manitoba 5
McGill 6
Toronto 6
Western 6

Dentistry
Alberta 1.3.5.6
British Columbia 3.6
Dalhousie 6
Manitoba 1.3.5.6
McGill 6
Saskatchewan 6
Toronto 1.3.5.6
Western 6

Diagnosis and oral radiology
Alberta 3
Toronto 5

Hygiène dentaire
Montréal 10

Médecine dentaire
Laval 6
Montréal 6

Oral biology
Alberta 1.3
British Columbia 1
Dalhousie 6
Manitoba 1.3

Oral pathology
Toronto 5

Oral surgery
Alberta 3
Dalhousie 3
Manitoba 6
Toronto 5

Orthodontics
Alberta 3
Dalhousie 8
Manitoba 3
Toronto 5
Western 3

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Orthodontie
Montréal 3.5

Paedodontics
Alberta 3
Dalhousie 6
Toronto 5

Pédodontie
Montréal 5

Periodontics
Alberta 3
British Columbia 5
Dalhousie 5
Toronto 5

Prosthodontics
McGill 3
Toronto 5

Résidence multidisciplinaire
Montréal 5

Restorative dentistry
Alberta 3
Dalhousie 6

Earth Sciences/ Sciences de la terre

Agrometeorology
Guelph 1.3

Applied earth science
Carleton 3.6
Waterloo 6

Crystallography
McGill 3.6
McMaster 1.3

Earth and planetary science
Toronto 6

Earth resources
Toronto 6

Earth sciences
Carleton 3.6
Dalhousie 1.3.6
Guelph 6
King's (NS) 6
Laurentian 6
Lethbridge 6
Manitoba 1.3.6
Memorial 1.3.6
Ottawa 6
Waterloo 1.3.6
York 6

Géodésie
Laval 1.3.6

Geodesy
New Brunswick 1.3
Ryerson 6.7

Géologie
Laval 1.3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 6
Québec à Montréal 6

Géologie appliquée
Québec à Montréal 8

Géologie minière
Montréal 3

Géologie-physique
Ottawa 6

Geology
Acadia 3.6
Alberta 1.3.5.6
Brandon 6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.6
Campion 6
Carleton 1.3.6
Concordia 6.10
Dalhousie 1.3.6
King's (NS) 6
Lakehead 3.6
Laurentian 3.6
Lethbridge 6
Luther 6
McGill 1.3.5.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 1.3.6
Mount Allison 6
New Brunswick 1.3.6
Ottawa 1.3.6
Queen's 1.3.6
Regina 3.6
St. Francis Xavier 3.6
Saint Mary's 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Toronto 1.3.6
Waterloo 6
Western 1.3.6
Windsor 3.6

Geology (ecology option)
Concordia 6

Geology-chemistry
Toronto 6

Geology-physics
Concordia 6
McMaster 6
Ottawa 6
Toronto 6

Geology and zoology
Alberta 6

Hydrology
British Columbia 1.3
Guelph 1.3

Métallurgie
Laval 1.3

Metallurgy
British Columbia 1.3.6
McMaster 1.3.6
Toronto 1.3.6

Metallurgy and materials science
McMaster 1.3.6

Météorologie
Québec à Montréal 5

Meteorology
Alberta 1.3.6
Dalhousie 5
McGill 1.3.6.7
Toronto 3

Mineral technology
Cape Breton 7

Mining geology
Laurentian 6

Pétrologie
Ottawa 6

Petrology
Ottawa 6

Photogrammétrie et télédétection
Laval 1.3

Photogrammetry
New Brunswick 1.3

Precambrian geology
Carleton 1.3

Quaternary studies
Carleton 3
Toronto 6

Resource analysis and land use
Concordia 6

Resource geology
Carleton 1.3

Sciences de la terre
Ottawa 6
Québec à Chicoutimi 3
Québec à Montréal 3

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Sciences géodésiques
Montréal 3.10

Solid earth geophysics
McGill 6

Structure and geodynamics
Carleton 1.3

Terrain and environmental earth sciences
Toronto 6

Economics/Sciences économiques

Applied economics
Manitoba 6

Business economics
Alberta 6
British Columbia 6
Brock 6
Concordia 6
Guelph 6
Regina 6
St. Francis Xavier 6
York 6

Canadian economics
Carleton 1.3.6

Development studies
Calgary 6
Carleton 3.6
Dalhousie 1.3

Développement régional
Moncton 8

Economic development
Carleton 1.3.6
Dalhousie 1.3

Economic history
British Columbia 6
Toronto 1.3.6

Economic Theory
Carleton 1.3.6
Dalhousie 1.3

Economics
Acadia 3.6
Alberta 1.3.6
Bishop's 3.6
Brandon 6
British Columbia 1.3.6
Brock 6
Calgary 1.3.6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 1.3.6.10
Dalhousie 1.3.6
Guelph 3.6
Huron 6
King's (NS) 6
King's (Ont) 6
Lakehead 3.6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 2.3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 3.6
Ottawa 1.3.6
Prince Edward Island 6
Queen's 1.3.6
Regina 3.6
RMC 3.6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 6
St. Thomas 6
St. Thomas More 6
Saskatchewan 3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 6
Trinity Western 10
Victoria (BC) 3.6
Waterloo 3.6.10
Western 1.3.6
Wilfrid Laurier 6
Windsor 3.6
Winnipeg 6
York 1.3.6

Economics-applied mathematics
Toronto 6

Economics-computer science
McMaster 6
Toronto 6

Economics-geography
McMaster 6
Toronto 6

Economics-history
Toronto 6

Economics-mathematics
Alberta 6
McMaster 6
Toronto 6

Economics-philosophy
Toronto 6

Economics-political science
McMaster 6
Toronto 6

Economics-sociology
Toronto 6

Economics-statistics
Toronto 6

Economics and commerce
RMC 6
Toronto 6
Windsor 6

Économie et commerce
RMC 6

Economics and quantitative methods
Toronto 6

Économie appliquée
Montréal 3

Économie politique
RMC 6

Économique
Québec à Hull 8
Québec à Montréal 3.6.8
Québec à Rimouski 6
Québec à Trois-Rivières 6.8
Saint-Boniface 6

Industrial organization
Dalhousie 1.3

International economics
McMaster 1

Labour economics
Dalhousie 1.3

Monetary economics
Dalhousie 1.3
McMaster 1

Natural resources management
Guelph 6
Manitoba 3
Simon Fraser 3

Political economy
Bishop's 6
Carleton 3

Public finance
Carleton 3
Dalhousie 1.3
McMaster 1

Quantitative economics
McMaster 1

Explication des numéros
1. Doctorat 2. Maitrise en philosophie 3. Maitrise 4. Licence 5. Diplôme d'études supérieures
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9. Majeure ou diplôme 10. Mineure ou certificat

Regional studies
Dalhousie 1.3

Sciences économiques
Laurentienne 6
Laval 1.3.6.9.10
Montréal 1.3.6.9.10
Moncton 3.6
Ottawa 1.3.6
Sherbrooke 3.6.9.10
York 6

Théorie sociale, politique et économique
York 6

Urban land economics
British Columbia 3.6

Education, Educational Technology/ Éducation, technologie de l'enseignement

Activité physique, enseignement en
Québec à Montréal 6
Québec à Trois-Rivières 6

Adaptation scolaire, enseignement en
Laval 6
Québec à Rimouski 6
Québec à Trois-Rivières 6
Sherbrooke 6

Administration de l'éducation
Montréal 1.3

Administration, enseignement au secondaire
Laval 6

Administration, enseignement en
Québec, UQAT 6
Québec à Chicoutimi 6
Québec à Hull 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Administration scolaire
Laval 1.3.6
Moncton 3
Montréal 10
Ottawa 1.3
Saint-Boniface 3
Sherbrooke 3

Adult education
British Columbia 1.3.5
Concordia 5.6.10
Dalhousie 1.3
Guelph 3
McMaster 8
Memorial 8
OISE 1.3.8
Ottawa 3.8
Regina 8
St. Francis Xavier 3.7
Saskatchewan 3.5
SIFC 8
Toronto 1.3

Adult education, development and training
McMaster 8

Allemand, enseignement au secondaire
Laval 6

Alphabétisation
Québec à Montréal 8

Andragogie
Laval 10
Montréal 1.3.10
Québec à Chicoutimi 8
Québec à Hull 5
Québec à Rimouski 8

Anglais, enseignement au secondaire
Laval 6
Sherbrooke 9

Anglais langue seconde, enseignement de l'
Laval 10
Ottawa 6.8
Québec à Chicoutimi 6
Sherbrooke 10
York 6

Applications pédagogiques de l'ordinateur
Montréal 10
Québec, UQAT 8
Québec à Hull 8
Québec à Montréal 8
Québec à Rimouski 8
Québec à Trois-Rivières 8

Art, teaching of
Alberta 1.3.6
British Columbia 3.6
Concordia 1.3.5.6.10
Lethbridge 6
McGill 3.6
New Brunswick 6
Nova Scotia Art 6
Ottawa 6.8
Queen's 6
Regina 6
Saskatchewan 6
Victoria (BC) 3.6
York 6

Arts dramatiques, enseignement des
Ottawa 6.8

Arts, enseignement
Laval 10

Arts industriels, enseignement des
Moncton 6
Ottawa 6

Arts plastiques, enseignement au secondaire
Laval 6

Arts plastiques, enseignement en
Québec à Chicoutimi 6
Québec à Trois-Rivières 6

Art therapy
Concordia 5

Arts visuels, enseignement des
Ottawa 6.8

Associate teacher
Ottawa 8

Audio-visual education
Alberta 1.3

Bibliothéconomie pour enseignants
Ottawa 8

Biologie, enseignement au secondaire
Laval 6
Sherbrooke 9

Biologie, enseignement en
Ottawa 6
Québec à Chicoutimi 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Biology, teaching of
British Columbia 6
Lethbridge 6
McGill 3.6
Ottawa 6
Regina 6
St. Francis Xavier 3
Saskatchewan 6

Business education
Alberta 6
(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Business education concluded)
British Columbia 3.6
New Brunswick 3.6.7

Catéchèse, enseignement à l'élémentaire
Ottawa 8

Catéchèse, enseignement au secondaire
Laval 6

Chemical education
Western 3

Chemistry, teaching of
British Columbia 6
McGill 3.6
Ottawa 6
Regina 6
St. Francis Xavier 3
Saskatchewan 6
Victoria (BC) 6

Child assessment and counselling
Toronto 5

Child studies
Concordia 6
Mount Saint Vincent 6

Chimie, enseignement au secondaire
Laval 6
Ottawa 6
Sherbrooke 9

Chimie, enseignement en
Québec à Chicoutimi 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

College teaching
McGill 5
OISE 1.3.8

Commerce, enseignement au secondaire
Ottawa 6.8

Comparative education
British Columbia 3
McGill 3
OISE 1.3

Comptabilité, enseignement de la,
Ottawa 6

Computational science, teaching of
Saskatchewan 6

Computer applications
Toronto 1.3

Computer assisted instruction
OISE 1.3

Computer assisted learning
Concordia 5

Computer science, teaching of
British Columbia 6
Ottawa 6

Computers in education
Ottawa 8

Computers in the classroom
Brock 6
Windsor 6
York 6

Continuing education
Saskatchewan 3.5

Co-operative education
Mount Saint Vincent 6
Ottawa 8

Counselling psychology
British Columbia 1.3.5

Counselling scolaire
Ottawa 1.3

Curriculum and instruction
Alberta 1.3.6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.5
Dalhousie 1.3
Lakehead 3
Lethbridge 6
Manitoba 3.6
Memorial 3
New Brunswick 3.4.6
OISE 1.3
Ottawa 1.3
Queen's 3
Regina 3.5
St. Francis Xavier 3
Saint Mary's 3
Saskatchewan 3.5
Simon Fraser 3.6
Toronto 1.3
Victoria (B.C.) 3
Windsor 3

Curriculum et enseignement
Ottawa 1.3
Saint-Boniface 3.6

Curriculum: human and social sciences
Manitoba 3
OISE 1.3

Curriculum: mathematics and natural sciences
Manitoba 3
OISE 1.3

Didactique
Laval 1.3.8

Didactique des langues secondes
Laval 10
Montréal 10
Ottawa 1.3
Sainte-Anne 8

Drama in education
Calgary 6
Concordia 6
OISE 1.3
Saskatchewan 6
Victoria (B.C.) 6
Windsor 6

Dramatic arts, teaching of
Ottawa 6.8

Driver education instructor
Ottawa 8
Regina 6

Early childhood education
Alberta 6
British Columbia 6
Calgary 6
Concordia 5.6
McGill 6
Mount Saint Vincent 6
New Brunswick 6.7
Ryerson 6
Saskatchewan 6
Simon Fraser 10
Toronto 5
Victoria (BC) 6

Earth sciences & space sciences, teaching of
British Columbia 6

Economics, teaching of
McGill 6
Saskatchewan 6

Économie familiale, enseignement au secondaire
Laval 6
Ottawa 6

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1^er^ cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Education-English language program
Acadia 3.6.7
Alberta 1.3.5.6
Bishop's 3.5
Brandon 6.8
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.5.6
Concordia 3.5.6.10
Dalhousie 1.3.6
Lakehead 3.6
Laurentian 6
Lethbridge 6
McGill 1.3.5.6.8
Manitoba 6.8
Memorial 3.5.6
Mount Allison 6
Mount Saint Vincent 3.5.6
New Brunswick 3.6
OISE 1.3
Ottawa 1.3.6
Prince Edward Island 6
Queen's 3.6
Regina 3.5.6
Sainte-Anne 6
St. Francis Xavier 3.6
Saint Mary's 3.6
St. Thomas 6
Saskatchewan 3.5.6
SIFC 6
Toronto 1.2.3.6
Trent 6
Trinity Western 6
Victoria (B.C.) 1.3.6
Western 3.6
Windsor 3.6
Winnipeg 6
York 3.6

Éducation-programme en langue française
Alberta 6
Laurentienne 6
Laval 1.3.6.9.10
Moncton 3.6
Montréal 3.9
Ottawa 1.3.6
Québec, UQAT 3
Québec à Chicoutimi 3
Québec à Hull 3
Québec à Montréal 3
Québec à Rimouski 3
Québec à Trois-Rivières 3
Regina 6
Sainte-Anne 6
Saint-Boniface 3.6

Éducation au préscolaire et enseignement au primaire
Montréal 1.3.6
Québec, UQAT 6
Québec à Chicoutimi 6
Québec à Hull 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Éducation comparée
Montréal 1.3

Éducation comparée et internationale
Montréal 5

Éducation coopérative au secondaire
Ottawa 8

Éducation de la prime enfance
Laval 10
Québec à Hull 8

Éducation des adultes
Ottawa 3.8
Sherbrooke 5

Éducation familiale
Ottawa 8

Éducation internationale et développement
Ottawa 1.3

Éducation musicale
Laval 6

Éducation par l'activité physique
Montréal 10

Éducation physique, enseignement de l'
Laval 6
Moncton 6

Éducation physique et hygiène, enseignement de l'
Ottawa 6.8

Éducation spéciale
Moncton 3.6
Ottawa 1.3

Educational administration
Acadia 3
Alberta 1.3.5
Brandon 6
British Columbia 1.3
Brock 3
Dalhousie 1.3
Lakehead 3
Lethbridge 6
McGill 3.5
Memorial 3.5
New Brunswick 3
OISE 1.3.8
Ottawa 1.3
Queen's 3
Regina 3.5
St. Francis Xavier 3
Saskatchewan 3.5
Simon Fraser 3
Toronto 1.3
Victoria (BC) 3
Western 3
Windsor 3

Educational administration and foundations
Manitoba 1.3

Educational counselling
McGill 1.3
Ottawa 1.3
Windsor 3

Educational foundations
Alberta 1.3
Brandon 6
British Columbia 1.3
Dalhousie 1.3
Lethbridge 6
Memorial 3.5
New Brunswick 3
OISE 1.3
Ottawa 1.3
Regina 6
Saskatchewan 3.5

Educational planning
OISE 1.3
Regina 3.5

Educational policy and administrative studies
Calgary 1.3.5
OISE 1.3

Educational psychology
Alberta 1.3.5
British Columbia 1.3
Calgary 1.3.5
Dalhousie 1.3
McGill 1.3
Manitoba 3
Memorial 3.5
Mount Saint Vincent 3
New Brunswick 3
OISE 1.3
Ottawa 1.3
Regina 6
Saskatchewan 3.5
Simon Fraser 3
Victoria (BC) 1.3
Western 3

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Educational studies
Calgary 6
Concordia 3
McMaster 3
Western 3

Educational technology
Alberta 1.3
British Columbia 3
Concordia 1.3.5
McGill 8
OISE 1.3
Victoria (BC) 6

Educational theory
OISE 1.3.8

Électrotechnique, enseignement en
Québec à Montréal 6

Elementary education
Acadia 6
Alberta 1.3.5.6
Brandon 6
British Columbia 6
Brock 6
Calgary 6
Dalhousie 6
Lakehead 6
Laurentian 6
Lethbridge 6
McGill 3.5.6
Manitoba 6.8
Memorial 6
Mount Saint Vincent 6
New Brunswick 3.6
OISE 1.3
Ottawa 6.8
Prince Edward Island 6
Queen's 6
Redeemer 6
Regina 6
St. Francis Xavier 6
St. Thomas 6
Saskatchewan 6
SIFC 6
Simon Fraser 3.6
Toronto 6.8
Trent 6
Trinity Western 6
Victoria (BC) 6
Western 6
Windsor 3.6
Winnipeg 6
York 6

Enfance inadaptée, enseignement à l'
Ottawa 1.3.8
Québec, UQAT 6
Québec à Chicoutimi 6
Québec à Montréal 6

English as a second language, teaching
British Columbia 3.6
Brock 6
Carleton 8
Concordia 6.10
Lakehead 8
McGill 3.6.8
OISE 1.3
Ottawa 6.8
Toronto 8
Victoria (BC) 6.7
Windsor 6
York 6

English, teaching of
Alberta 3.6
British Columbia 6
Carleton 8
Concordia 5
Lethbridge 6
McGill 3.6
New Brunswick 3.6.7
Ottawa 6
Regina 6
St. Francis Xavier 3
Saskatchewan 6
Victoria (BC) 6
Western 3
York 6

Enseignement collégial
Laval 10
Sherbrooke 10

Enseignement de la bureautique
Montréal 10

Enseignement de la productique
Montréal 10

Enseignement élémentaire
Alberta 6
Laurentienne 6
Laval 6.10
Moncton 6
Ottawa 6.8
Sainte-Anne 6
Saint-Boniface 6

Enseignement en adaptation scolaire et sociale
Québec à Montréal 6

Enseignement en immersion française
Saint-Boniface 6

Enseignement des mathématiques et des sciences au primaire
Québec à Montréal 8

Enseignement préscolaire
Laval 6
Moncton 6

Enseignement préscolaire et primaire
Laval 6
Sherbrooke 3.5.6

Enseignement au primaire
Québec à Montréal 3

Enseignement professionnel
Laval 10
Québec, UQAT 6
Québec à Hull 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6
Sherbrooke 5

Enseignement professionnel (formation initiale)
Québec à Trois-Rivières 6

Enseignement professionnel au secondaire
Montréal 10

Enseignement religieux
Sherbrooke 3

Enseignement secondaire
Alberta 6
Laval 6.10
Moncton 3.6.8
Ottawa 6.8
Sainte-Anne 6
Saint-Boniface 6
Sherbrooke 9

Enseignement secondaire et collégial
Montréal 1.3.10

Espagnol, enseignement au secondaire
Laval 6
Ottawa 6

Études anglaises, enseignement en
Québec, UQAT 6
Québec à Hull 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Études françaises, enseignement en
Québec, UQAT 6
Québec à Chicoutimi 6
Québec à Hull 6
Québec à Trois-Rivières 6

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1^{er} cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Exceptional children
Acadia 3.6
Alberta 1.3
Brandon 6
British Columbia 1.3.6
Lethbridge 6.7
Manitoba 3
New Brunswick 3.6.7
OISE 1.3
Saskatchewan 3.5
Simon Fraser 3
Windsor 6
York 6.7

Exceptionality in human learning
Toronto 6

Expression dramatique, enseignement de l'
Montréal 10

Family studies, teaching of
Brock 6

Fondements de l'éducation
Montréal 1.3
Ottawa 1.3

Formateurs d'adultes en milieu scolaire
Québec à Montréal 8

Foundations of learning and teaching behavior
Brock 3

Français en classe d'accueil et d'immersion, enseignement du
Québec à Montréal 8

Français, enseignement en
Québec à Rimouski 6

Français langue maternelle, enseignement au primaire
Laval 10
Montréal 10
Québec, UQAT 8
Québec à Chicoutimi 8
Québec à Hull 8
Québec à Montréal 8
Québec à Rimouski 8
Québec à Trois-Rivières 8
Saint-Boniface 6
Sherbrooke 3.10

Français langue maternelle, enseignement au secondaire
Laval 6.10
Montréal 10
Québec, UQAT 8
Québec à Chicoutimi 8
Québec à Hull 8
Québec à Rimouski 8
Québec à Trois-Rivières 8
Saint-Boniface 6

Français langue maternelle, enseignement du
Québec à Montréal 6

Enseignement des langues secondes
Québec à Montréal 6.8

Français langue seconde, enseignement du
Laval 10
Moncton 8
Montréal 10
Ottawa 6.8
York 6

French as a second language, teaching of
Brock 6
Lakehead 8
McGill 3.6.8
OISE 1.3
Ottawa 6.8
Simon Fraser 3
Windsor 6
York 6

French, teaching of
British Columbia 6
Lethbridge 6
McGill 6
New Brunswick 6.7
Saskatchewan 6
Victoria (BC) 6
Western 3
York 6

Géographie, enseignement au secondaire
Laval 9
Sherbrooke 9

Géographie, enseignement en
Ottawa 6
Québec, UQAT 6
Québec à Chicoutimi 6
Québec à Hull 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Geography, teaching of
British Columbia 6
McGill 3.6
Ottawa 6
Saskatchewan 6
Toronto 3
Victoria (BC) 6
York 6

Geology, teaching of
Saskatchewan 6

German, teaching of
Saskatchewan 6

Guidance
Brock 6
New Brunswick 6
Windsor 6

Guidance Counselling
Western 3

Grec, enseignement au secondaire
Laval 6

Higher education
OISE 1.3
Toronto 1.3

Histoire, enseignement au secondaire
Laval 6
Sherbrooke 9

Histoire, enseignement en
Ottawa 6
Québec à Chicoutimi 6
Québec à Hull 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

History of education
British Columbia 3
Concordia 3
McGill 3
OISE 1.3
Simon Fraser 3

History, teaching of
British Columbia 6
McGill 3.6
Ottawa 6
Regina 6
St. Francis Xavier 3
Saskatchewan 6
Victoria (BC) 6
Western 3
York 6

History/social studies
Victoria (BC) 6

Home economics education
McGill 6
Mount Saint Vincent 6

Home economics, teaching of
Acadia 6
Alberta 3.6
Brescia 6

(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Home economics concluded)
British Columbia 6
McGill 3
Mount Saint Vincent 3.6
New Brunswick 6
St. Francis Xavier 6
Saskatchewan 6
Western 6
Windsor 6

Human learning
British Columbia 1.3

Human relations and family life education
McGill 5

Indian education
SIFC 6.8.9.10

Indian and northern education
Saskatchewan 3.5.6

Industrial arts, teaching of
Alberta 3.6
British Columbia 3.6
Brock 6
Memorial 7
New Brunswick 3.6
Saskatchewan 6

Information scolaire et professionnelle
Laval 10
Québec à Montréal 6
Sherbrooke 6

Informatique appliquée à l'enseignement
Québec à Montréal 8

Informatique, enseignement de l'
Ottawa 6

Instructeurs en milieu de travail
Québec à Montréal 8

Intégration de la recherche à la pratique éducative
Québec à Montréal 5

Instructional technology
Concordia 5
OISE 1.3

Intercultural education
Alberta 1.3.6

Intermediate/senior teacher education
Brock 6
Lakehead 6
Ottawa 6.8
Toronto 6
Western 6

International education and development
Ottawa 1.3

Intervention pédagogique au primaire
Montréal 10

Intervention psycho-éducative
Montréal 10

Junior/intermediate teacher education
Brock 6
Lakehead 6
Ottawa 6.8
Toronto 6
Western 6
Windsor 6

Language and learning problems
York 3

Language arts, teaching of
Regina 6
SIFC 6
Victoria (BC) 3.6

Langue seconde, enseignement d'une
Laval 10
Ottawa 1.3.8
Québec, UQAT 8
Québec à Hull 8

Latin, enseignement au secondaire
Laval 6

Learning assistance
Victoria (BC) 9

Lecture à l'élémentaire et au secondaire
Ottawa 8

Librarianship
Brock 6
Ottawa 6
Victoria (BC) 6
Windsor 6
York 6

Loisirs, enseignement des
Moncton 6

Mathematics for teachers
Concordia 10

Mathematics, teaching of
British Columbia 1.3.6
Concordia 3.5.10
Lethbridge 6
McGill 3.5.6
Ottawa 6
Regina 6
St. Francis Xavier 3
Saskatchewan 6
Simon Fraser 3
Victoria (BC) 3.6
Waterloo 6
Western 3
York 6

Mathématiques, enseignement au primaire
Québec à Rimouski 8

Mathématiques, enseignement au secondaire
Laval 6
Sherbrooke 9

Mathématiques, enseignement des
Ottawa 6
Québec à Chicoutimi 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Mathématiques et sciences, enseignement au primaire
Montréal 10

Measurement and evaluation
Brandon 6
British Columbia 3
OISE 1.3
Ottawa 1.3
Toronto 1.3

Measurement and experimentation
OISE 1.3

Media
Brock 6
McGill 8

Mesure et évaluation
Laval 1.3
Montréal 1.3.10
Ottawa 1.3

Métiers, enseignement des
Moncton 6

Moniteur de conduite automobile
Ottawa 8

Music, teaching of
Acadia 1.6
Alberta 1.3.5.6
(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(Music, teaching concluded)
Brandon 3.6
British Columbia 1.3.6
Brock 6
Calgary 3.6
Campion 6
Dalhousie 6
Luther 6
McGill 3.6
McMaster 6
Manitoba 6
Memorial 6
Mount Allison 6
New Brunswick 6
Ottawa 6.8
Prince Edward Island 6
Regina 6
Saskatchewan 3.5.6
Victoria (BC) 3.6
Windsor 6

Musique, enseignement de la
Laval 6
Ottawa 6.8
Québec à Montréal 6
Québec à Trois-Rivières 6

Musique instrumentale/vocale, enseignement de la
Ottawa 8

Native and northern education
McGill 8
Saskatchewan 3.5.6

Native teacher training
British Columbia 6
Lakehead 7
Laurentian 8
Lethbridge 6
Memorial 7
New Brunswick 6
Regina 6
Saskatchewan 6
SIFC 6.8.9.10
Victoria (BC) 7

Ordinateur en éducation, l'
Ottawa 1.3.8

Orientation-programme en langue française
Laval 1.3.6
Ottawa 1.3.8
Sherbrooke 3

Orthopédagogie
Montréal 1.3.6.10
Québec à Hull 6
Sherbrooke 3

Outdoor education
Concordia 10
Regina 6
Victoria (BC) 6

Pédagogie de l'audio-visuel
Québec à Montréal 8

Pédagogie universitaire des sciences de la santé
Laval 3

Perfectionnement de la pratique éducative pour les maîtres en exercice
Québec, UQAT 8

Philosophy and history of education
Concordia 3
Toronto 1.3

Physical and health education, teaching of
Brock 6
Ottawa 3.6.8
Windsor 6

Physical education, teaching of
British Columbia 6
Dalhousie 3.6
McGill 3.6
Memorial 6
New Brunswick 3.6
Regina 6
St. Francis Xavier 6
Saskatchewan 6
Victoria (BC) 3.6
Western 3
York 6

Physics, teaching of
British Columbia 6
McGill 3.6
Ottawa 6
Saskatchewan 6
Victoria (BC) 6

Physique, enseignement au secondaire
Laval 6
Ottawa 6
Sherbrooke 9

Physique, enseignement en
Québec à Chicoutimi 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Preschool education
Brock 6
Guelph 6
Lethbridge 6.7
Manitoba 8
Mount Saint Vincent 6.7
New Brunswick 3.6.7
Regina 6
Simon Fraser 3.6
Victoria (BC) 6
Waterloo 6

Primary teacher education
Brock 6
Toronto 6
Windsor 6

Professeur associé
Ottawa 8

Psycho-éducation
Montréal 3.6
Ottawa 1.3
Québec, UQAT 6
Québec à Hull 6
Québec à Trois-Rivières 6
Sherbrooke 3.6.10

Psychologie éducationnelle
Ottawa 1.3
Saint-Boniface 3.6

Psychology and education of the gifted
McGill 5

Psychomotricité
Québec à Hull 8

Psychopédagogie
Laval 1.3.8
Ottawa 1.3

Psychopedagogy
Ottawa 1.3

Reading, teaching of
British Columbia 1.3
Brock 6
McGill 3.8
Mount Saint Vincent 3
New Brunswick 3.6.7
OISE 1.3
Ottawa 8
Saskatchewan 6
Windsor 6

Rehabilitation education
Calgary 6

Religion, teaching of
Brock 6
McGill 6
Ottawa 8
St. Michael's 3
Saskatchewan 6

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Remedial methodology
Victoria (BC) 6

Ressources et systèmes
Québec à Chicoutimi 3

Russian, teaching of
Saskatchewan 6

School counselling
Acadia 3
Alberta 1.3.5.6
Brock 6
Calgary 1.3
McGill 1.3
Memorial 3.5
New Brunswick 3
OISE 1.3
Ottawa 1.3
Regina 3.5.6
Saskatchewan 3.5
SIFC 8
Victoria (BC) 3
Western 6

School psychology
Mount Saint Vincent 3
OISE 1.3

Science, teaching of
Concordia 10
McGill 6
McMaster 3
New Brunswick 6.7
OISE 1.3
Ottawa 6.8
Regina 6
Saskatchewan 6
Victoria (BC) 3.6

Sciences de l'éducation
Laval 10
Ottawa 3
Québec, UQAT 6.8
Québec à Chicoutimi 8
Québec à Hull 6.8
Québec à Montréal 8
Québec à Rimouski 8
Québec à Trois-Rivières 6.8
Sherbrooke 3

Sciences, enseignement en
Ottawa 6.8
Québec à Montréal 6

Sciences familiales, enseignement des
Moncton 6

Sciences religieuses, enseignement au secondaire
Sherbrooke 9

Sciences religieuses, enseignement en
Québec à Chicoutimi 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 6

Second language teaching
Ottawa 1.3.6

Secondary education
Acadia 6
Alberta 1.3.6
Brandon 6
British Columbia 1.3.6
Brock 6
Calgary 6
Dalhousie 6
Lakehead 6
Lethbridge 6
McGill 5.6
Manitoba 6
Memorial 6
Mount Allison 6
New Brunswick 3.6
Ottawa 6
Prince Edward Island 6
Queen's 6
Redeemer 6
Regina 6
St. Francis Xavier 6
Saint Mary's 6
St. Thomas 6
Saskatchewan 6
Simon Fraser 3.6
Toronto 6
Trent 6
Trinity Western 6
Victoria (BC) 6
Western 6
Windsor 3.6
Winnipeg 6
York 6

Secondary reading
Victoria (BC) 3

Secrétariat, enseignement du
Ottawa 8

Social and behavioural foundations of education
Concordia 3

Social studies, teaching of
British Columbia 3.6
New Brunswick 3.6.7
Saskatchewan 6
Victoria (BC) 3.6

Sociology in education
British Columbia 3
OISE 1.3
Toronto 1.3

Sourds, enseignement aux
Moncton 3

Space sciences & earth sciences, teaching of
British Columbia 6

Special classes
Victoria (BC) 6

Special education
Alberta 6
British Columbia 1.3.6
Brock 6
McGill 10
OISE 1.3
Ottawa 1.3
Saskatchewan 6
Toronto 1.3

Sports, enseignement des
Ottawa 6

Sports, teaching of
Ottawa 6

Teacher education and supervision
Calgary 3.5

Teaching (arts)
McMaster 3

Teaching (science)
McMaster 3

Teaching of trainable retarded
Brock 6

Techniques commerciales et marchandes, enseignement des
Ottawa 6.8

Technologie de l'enseignement
Laval 1.3

Technologie de la mécanique, enseignement en
Québec à Montréal 6

Technologie éducationnelle
Montréal 1.3.10

Technologie éducative
Laval 10
Québec à Hull 5

Testing and measurement
British Columbia 1.3
OISE 1.3
Ottawa 1.3
Saskatchewan 3.5

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Theatre in education
Victoria (BC) 3.6

Ukrainian, teaching of
Saskatchewan 6

Visual arts, teaching of
Brock 6
Ottawa 6

Vocal music, teaching of
Ottawa 8

Vocational education
Alberta 3.6
McGill 6
Memorial 6.7
New Brunswick 3.6
Queen's 3.6.7
Saskatchewan 6
Toronto 8
Western 7

Engineering/Génie

Aeronautical engineering
Carleton 1.3

Aerospace science and engineering
Toronto 1.3.6

Aerospace engineering technology
Ryerson 6.7

Agricultural engineering
Alberta 3.6
Guelph 6
McGill 1.3.6
Technical University 1.3.6

Applied mechanics
New Brunswick 1.3

Assurance de la qualité
Québec, École de technologie supérieure 8

Aviation
Trinity Western 7.10

Biochemical engineering
Western 3.6

Bioengineering
McMaster 1.3

Biological engineering
Guelph 6

Biomedical engineering
McGill 1.3
McMaster 1.3
New Brunswick 1.3
Saskatchewan 1.3.5
Simon Fraser 6
Toronto 1.3

Bioresource engineering
British Columbia 3.6

Building engineering
Concordia 1.3.6

Ceramic engineering
McMaster 6

Chemical and petroleum engineering
Calgary 1.3.6

Chemical engineering
Acadia 7
Alberta 1.3.6
British Columbia 1.3.6
Lakehead 6
Laurentian 8
McGill 1.3.6
McMaster 1.3.6
New Brunswick 1.3.6
Ottawa 1.3.6
Queen's 1.3.6
Regina 3
RMC 3
Saskatchewan 1.3.5.6
Technical University 1.3.6
Toronto 1.3.6
Waterloo 1.3.6
Western 3.6
Windsor 1.3.6

Chemical engineering and management
McMaster 6
Ottawa 6

Chemical engineering technology
Cape Breton 7
Lakehead 7
Ryerson 6.7

Civil engineering
Acadia 7
Alberta 1.3.6
British Columbia 1.3.6
Calgary 1.3.6
Carleton 1.3.6
Concordia 1.3.6
Lakehead 6
Laurentian 8
McGill 1.3.6
McMaster 6
Manitoba 1.3.6
Memorial 3.6
New Brunswick 1.3.6
Ottawa 1.3.6
Queen's 1.3.6
Regina 3
RMC 3.6
Saskatchewan 1.3.5.6
Technical University 1.3.6
Toronto 1.3.6
Waterloo 1.3.6
Western 1.3.6
Windsor 1.3.6

Civil engineering and computer systems
McMaster 6

Civil engineering and management
McMaster 6
Ottawa 6

Civil engineering technology
Cape Breton 7
Lakehead 7
Ryerson 6.7

Clinical biomedical engineering
Toronto 3

Communications engineering
Simon Fraser 3

Computer engineering
Alberta 6
Carleton 1.3.6
Concordia 6
McMaster 6
Manitoba 6
RMC 3.6
Simon Fraser 6
Toronto 1.3.6
Victoria (BC) 1.3.6
Waterloo 6

Computer engineering and management
McMaster 6

Construction management and engineering
Toronto 1.3

Construction technology
Cape Breton 7

Control engineering
Saskatchewan 1.3.5

Electrical and computer engineering
McMaster 1.3
Simon Fraser 6

Electrical communications
Carleton 1.3
McGill 1.3
(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Electrical communications concluded)
Simon Fraser 6

Electrical engineering
Acadia 7
Alberta 1.3.6
British Columbia 1.3.6
Calgary 1.3.6
Carleton 1.3.6
Concordia 1.3.6
Lakehead 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 3.6
New Brunswick 1.3.6
Ottawa 1.3.6
Queen's 1.3.6
Regina 3
RMC 3.6
Saskatchewan 1.3.5.6
Technical University 1.3.6
Toronto 1.3.6
Victoria (BC) 1.3.6
Waterloo 1.3.6
Western 1.3.6
Windsor 1.3.6

Electrical engineering (communications and electromagnetics option)
Ottawa 6

Electrical engineering (computer engineering option)
McGill 6
Technical University 6

Electrical engineering (electronics/communications option)
Carleton 1.3

Electrical engineering (systems option)
Carleton 1.3
Ottawa 6

Electrical engineering and management
McGill 6.10
McMaster 6
Ottawa 6

Electrical engineering technology
Cape Breton 7
Lakehead 7
Ryerson 6.7

Électricité du bâtiment
Montréal 10

Electromagnetic engineering
Ottawa 1.3

Electronics engineering technology
Cape Breton 7

Électronique de puissance
Québec à Trois-Rivières 3

Électronique industrielle
Montréal 10

Énergie thermique, technologie de l'
Québec, École de technologie supérieure 8

Engineering
Acadia 7
Alberta 1.3.6
British Columbia 1.3.6
Calgary 1.3.5.6
Cape Breton 7
Carleton 1.3.6
Concordia 1.3.6
Dalhousie 7
Guelph 1.3.6
Lakehead 6
Laurentian 6
McGill 1.3.5.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 1.3.6
Mount Allison 7
New Brunswick 1.3.6
Ottawa 1.3.6
Prince Edward Island 7
Queen's 1.3.5.6
RMC 3.6
St. Francis Xavier 7
Saint Mary's 6.7
Saskatchewan 1.3.5.6
Simon Fraser 3.6
Technical University 1.3.6
Waterloo 1.3.6
Western 3.6
Windsor 1.3.6

Engineering and management
McMaster 6
Ottawa 6
RMC 3.6
Waterloo 1.3.6

Engineering chemistry
Queen's 6

Engineering mathematics
Simon Fraser 6
Technical University 3

Engineering physics
British Columbia 1.3.6
McMaster 6
Queen's 6
RMC 3.6
Saskatchewan 6
Simon Fraser 6
Technical University 6

Engineering physics and management
McMaster 6

Engineering physics and nuclear engineering
McMaster 3

Engineering science
Toronto 6
Western 1.3.6

Engineering technology
Lakehead 7

Enseignement technique
Québec à Trois-Rivières 6

Enseignement technologique et professionnel
Québec à Chicoutimi 6

Environmental engineering
Guelph 10
Toronto 1.3

Environmental engineering technology
Cape Breton 7

Études spécialisées (génie)
Montréal 5

Fisheries engineering
Technical University 3

Fluid and thermodynamic processes and design
Guelph 1

Forest engineering
British Columbia 3
New Brunswick 3.6

Fuels and materials
RMC 6

Génie
Laval 1.3.6
Moncton 3.6.7
Montréal 1.3.6
Ottawa 1.3.6
RMC 3.6

Génie biomédical
Montréal 1.3

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Génie chimique
Laval 1.3.6
Montréal 1.3.6
Ottawa 1.3.6
Québec à Trois-Rivières 6
RMC 3
Sherbrooke 1.3.6

Génie chimique et gestion
Ottawa 6

Génie civil
Laval 1.3.6
Moncton 3.6
Montréal 1.3.6
Ottawa 1.3.6
RMC 3.6
Sherbrooke 1.3.6

Génie civil et gestion
Ottawa 6

Génie des combustibles et des matériaux
RMC 6

Génie des systèmes
Montréal 3

Génie électrique
Laval 1.3.6
Montréal 1.3.6
Ottawa 1.3.6
Québec à Trois-Rivières 6
RMC 3.6
Sherbrooke 1.3.6

Génie et gestion
RMC 3.6

Génie général
Moncton 6

Génie génétique
Laval 10

Génie géologique
Laval 6
Montréal 1.3.6
Québec à Chicoutimi 6

Génie industriel
Moncton 3.6
Montréal 3.6
Québec à Trois-Rivières 6

Génie informatique
RMC 3.6

Génie mécanique
Laval 1.3.6
Montréal 1.3.6
Ottawa 1.3.6
RMC 3.6
Sherbrooke 1.3.6

Génie mécanique et gestion
Ottawa 6

Génie mécanique manufacturier
Québec à Trois-Rivières 6

Génie métallurgique
Laval 6
Montréal 1.3.6

Génie minier
Laval 6
Montréal 1.3.6

Génie nucléaire
Montréal 1.3
RMC 3

Génie physique
Laval 6
Montréal 1.3.6
RMC 3.6

Génie unifié
Québec à Chicoutimi 6

Geo-engineering
Toronto 6

Geological engineering
Acadia 7
British Columbia 1.3.6
Manitoba 6
New Brunswick 6
Queen's 1.3.6
Saskatchewan 6
Waterloo 6
Windsor 3.6

Géologie de l'ingénieur
Montréal 3

Geophysical engineering
Saskatchewan 6

Geophysics, exploration
McGill 5
Regina 6

Geotechnical engineering
Carleton 1.3.6
Toronto 1.3.6

Industrial automation
Simon Fraser 6

Industrial engineering
Acadia 7
Manitoba 6
Technical University 1.3.6
Toronto 1.3.6
Windsor 1.3.6

Industrial engineering technology
Ryerson 6.7

Industrial systems engineering
Regina 6

Information and systems science
Carleton 3
Ottawa 3

Instrumental engineering technology
Cape Breton 7

Instrumentation
Québec à Montréal 8

Instrumentation et commande de processus
Montréal 3

Land information management
New Brunswick 5

Machinery
Guelph 3

Manufacturing engineering
McMaster 6
Simon Fraser 6

Materials engineering
Carleton 1.3.6
McMaster 6
Toronto 1.3
Western 6
Windsor 1.3.6

Materials handling
Guelph 3

Materials science
McMaster 1.3.6
RMC 3
Western 1.3

Mécanique du bâtiment
Montréal 10

Mechanical engineering
Acadia 7
Alberta 1.3.6
British Columbia 1.3.6
Calgary 1.3.6
Carleton 1.3.6
Concordia 1.3.6
Lakehead 6
Laurentian 8
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 3.6
New Brunswick 1.3.6

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Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Mechanical engineering concluded)
Ottawa 3.6
Queen's 1.3.6
Regina 3
RMC 3.6
Saskatchewan 1.3.5.6
Technical University 1.3.6
Toronto 1.3.6
Waterloo 1.3.6
Western 1.3.6
Windsor 1.3.6

Mechanical engineering (aeronautical option)
McGill 6
Ottawa 6

Mechanical engineering and management
McMaster 6

Mechanical engineering technology
Cape Breton 7
Lakehead 7
Ryerson 6.7

Mechanics and materials
Toronto 6

Metallurgical engineering
Alberta 1.3.6
British Columbia 1.3.6
Laurentian 6
McGill 1.3.6
McMaster 3.6
Queen's 1.3.6
Technical University 1.3.6

Metallurgical engineering technology
Ryerson 7

Métallurgie
Laval 1.3

Metallurgy and materials science
Toronto 1.3.6

Metallurgy of iron and steel
McMaster 8

Méthodes et pratiques de la construction
Québec, École de technologie supérieure 8

Micro-electronics
Simon Fraser 3

Microprocesseurs
Québec à Montréal 8

Mineral engineering
Acadia 7
Alberta 1.3.6
Memorial 3.6
New Brunswick 7
Queen's 1.3.6
Toronto 6

Mineral engineering technology
Cape Breton 7

Mineral exploration
Toronto 6

Mineral process engineering
Alberta 6
British Columbia 1.3.6

Mines
Laval 1.3

Mining engineering
Alberta 1.3.6
British Columbia 1.3.6
Laurentian 6
McGill 1.3.5.6
Queen's 1.3.6
Technical University 1.3.6

Naval architecture and marine engineering
Technical University 3

Nuclear and thermal power
Toronto 6

Nuclear engineering
McMaster 1
RMC 3
Toronto 1.3

Occupational health (safety engineering)
Toronto 3

Ocean engineering
Memorial 1.3.6

Oil sands engineering
Alberta 6

Petroleum engineering
Alberta 1.3.6

Process control
Guelph 3

Production engineering
Toronto 1.3

Professional development in engineering
McMaster 6

Quality control
Concordia 10

Regional systems engineering
Regina 6

Robotics
Simon Fraser 6

Sciences des matériaux
RMC 3

Shipbuilding
Memorial 6

Signal processing
Simon Fraser 3

Solid state and semi-conductor
Ottawa 1.3.6

Space science
York 1.3

Structural mechanics
Carleton 1.3

Structures
Montréal 3

Survey science
Toronto 6

Surveying engineering
Calgary 6
New Brunswick 1.3.5.6

Surveying engineering technology
Ryerson 6.7

Systems engineering
Carleton 1.3.6
Ottawa 3
Regina 6
Waterloo 1.3.6

Technologie de la construction civile
Québec, École de technologie supérieure 6

Technologie de l'électricité
Québec, École de technologie supérieure 6

Technologie de la mécanique
Québec, École de technologie supérieure 6

Technologie de la prévention des accidents et des maladies du travail
Montréal 10

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1^{er} cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Technologie de la prévention d'incendies
Montréal 10

Technologie de la production automatisée
Québec, École de technologie supérieure 6

Technologie du soudage
Québec, École de technologie supérieure 8

Technologie des systèmes numériques
Québec, École de technologie supérieure 8

Télécommunications
Québec, École de technologie supérieure 8
Québec, Institut national de la recherche scientifique 3
Québec à Montréal 8

Theoretical and applied mechanics
New Brunswick 1

Transport
Montréal 3

Transportation engineering
New Brunswick 1.3.8
Toronto 1.3

Transportation planning
Carleton 1.3
Toronto 1.3

Water resources engineering
Guelph 1.3.6

Welding engineering
Alberta 1.3
Toronto 3

Environmental Studies/ Études de l'Environnement

Design de l'environnement
Québec à Montréal 6

Écologie
Québec à Montréal 8

Écologie et systématique
Ottawa 6

Écologie végétale
Laval 1.3

Ecology
British Columbia 1.3
Calgary 1.3.6
Guelph 1.3.6
Manitoba 6
Victoria (BC) 1.3.6

Ecology and evolution
Western 6

Ecology and systematics
Carleton 1.3.6
Ottawa 6

Écophysiologie
Ottawa 6

Environmental and resource studies
Dalhousie 3
Guelph 3
New Brunswick 1.3
Nova Scotia Art 6.7
Trent 6

Environmental control
Guelph 3

Environmental design
Calgary 3
Nova Scotia Art 6.7
Technical University 6

Environmental design control
Guelph 3.6

Environmental management
Toronto 6

Environmental physiology
Ottawa 6

Environmental science
Brock 6
Calgary 3
York 6

Environmental studies
Brandon 6
Brock 6.8
Dalhousie 3
Guelph 1.3.6
McGill 3.6
McMaster 5
Manitoba 6
Memorial 8
Nova Scotia Art 6.7
Saskatchewan 6
Toronto 3.6
Trent 3.6
Victoria (BC) 6
Waterloo 1.3.6
Winnipeg 6
York 3

Environmental systems
Toronto 6

Environnement
Montréal 1.3
Sherbrooke 3

Études de l'environnement
Montréal 10

Man-environment studies
Waterloo 6

Natural resources management
Manitoba 3
Simon Fraser 3

Renewable resources development
Guelph 3
McGill 1.3.6

Resources and the environment
Calgary 3

Resources development
British Columbia 1.3
Carleton 3.6
Guelph 1.3.6
McGill 6
Manitoba 3
Trent 6
Waterloo 1.3

Resources management
British Columbia 1.3
Dalhousie 3
Guelph 3.6
New Brunswick 1.3.6
Simon Fraser 3
Toronto 5
Windsor 6

Sciences de l'atmosphère
Québec à Montréal 3

Sciences de l'environnement
Québec à Chicoutimi 8
Québec à Montréal 3.8
Québec à Trois-Rivières 3.8

Forestry/Sciences Forestières

Aménagement des ressources forestières
Laval 6

Aménagement forestier et sylviculture
Laval 1.3

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Forest biology
Alberta 1.3
British Columbia 1.3.6
New Brunswick 1.3.6
Toronto 1.3

Forest business administration
New Brunswick 6

Forest ecology
British Columbia 1.3.6
New Brunswick 1.3.6

Forest economics
Alberta 6
British Columbia 1.3.6
New Brunswick 3.6

Forest entomology
British Columbia 1.3.6
New Brunswick 3.6

Forest environment
New Brunswick 3.6

Forest fire management
Alberta 1.3
British Columbia 3
New Brunswick 1.3.6

Forest genetics
Alberta 1.3
British Columbia 1.3.6
New Brunswick 1.3.6

Forest harvesting
British Columbia 6
New Brunswick 3.6

Forest hydrology
Alberta 1.3.6
British Columbia 1.3.6
New Brunswick 1.3.6

Forest management
New Brunswick 1.3.6
Toronto 1.3

Forest measurement/biometrics
Alberta 1.3

Forest operations
Alberta 6
New Brunswick 3.6

Forest pathology
Alberta 1.3
British Columbia 1.3.6

Forest products
Alberta 3
British Columbia 1.3.6
New Brunswick 3.6

Forest recreation management
Alberta 3
British Columbia 3.6
New Brunswick 3.6

Forest resource policy
British Columbia 1.3.6
New Brunswick 3

Forest resources management
Alberta 1.3
British Columbia 1.3.6
New Brunswick 1.3.6

Forest soils
British Columbia 1.3.6
New Brunswick 1.3.6

Forest technology
Lakehead 7

Forest wildlife
New Brunswick 1.3.6

Forestry
Alberta 1.3.6
British Columbia 1.3.6
Lakehead 3.6.7
New Brunswick 1.3.6
Toronto 1.3.6

Grazing management
Alberta 6

Opérations forestières
Laval 3.6

Pédologie forestière
Laval 1.3

Sciences du bois
Laval 1.3

Sciences et technologie du bois
Laval 6

Sciences des pâtes et papiers
Québec à Trois-Rivières 3

Sciences forestières
Laval 1.3.6
Moncton 6

Silviculture
Alberta 3
British Columbia 1.3.6
New Brunswick 1.3.6

Sylviculture
Laval 1.3

Tree development
New Brunswick 1.3.6

Tree physiology and genetics
British Columbia 1.3.6
New Brunswick 1.3

Wildland recreation and interpretation
Alberta 1.3

Wood Science
Toronto 1.3.6

Wood science and industry
British Columbia 1.3.6
New Brunswick 3.6

Geography/Géographie

Applied geography
Ryerson 6

Biogeography
Carleton 6
McGill 6

Cartographie et information foncière
Laval 3

Cartography
Alberta 6
Carleton 3
Ottawa 6

Climatology
British Columbia 1.3.6
McGill 6

Cultural and historical geography
British Columbia 1.3
Carleton 3.6
Memorial 6
Toronto 6

Cultural, historical and political geography
Carleton 3.6

Economic and urban geography
Carleton 3.6

Economic geography
British Columbia 1.3
Carleton 3
Memorial 6
Ottawa 6

Environmental geography
Brock 6
Toronto 6

Géographie
Laurentienne 6
Laval 1.3.6.9.10

(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(Géographie concluded)
Moncton 6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 6
Québec à Montréal 3.6
Québec à Rimouski 6
Québec à Trois-Rivières 6
Saint-Boniface 6
Sherbrooke 3.6.9.10

Géographie humaine
Laval 10

Géographie physique
Laval 10
Québec à Montréal 6.8
Sherbrooke 6

Géographie sociale
Ottawa 6

Geography
Alberta 1.3.6
Bishop's 6
Brandon 6
British Columbia 1.3.6
Brock 6
Calgary 1.3.6
Campion 6
Carleton 3.6
Concordia 6.10
Guelph 3.6
King's (Ont) 6
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.5.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 3.6
Mount Allison 6
Ottawa 1.3.6
Queen's 1.3.6
Regina 3.6
Saint Mary's 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Trent 6
Trinity Western 6
Victoria (BC) 1.3.6
Waterloo 1.3.6
Western 1.3.6
Wilfrid Laurier 3.6
Windsor 3.6
Winnipeg 6
York 1.3.6

Geography and geology
McMaster 6

Geography and history
Toronto 6

Geography (earth sciences option)
Waterloo 6

Geography (resources conservation)
Western 6

Geography (resources management)
Waterloo 3
Windsor 6

Geography (urban development)
Western 6

Geo-information processing and mapping
Alberta 6

Géomorphologie
Ottawa 6

Geomorphology
British Columbia 1.3.6
Guelph 3
Ottawa 6

Historical and cultural geography
Toronto 6

Historical geography
Carleton 3
Toronto 6

Human geography
Brock 6
Concordia 6
York 6

Human settlements
Toronto 6

Man-environment relationships
Concordia 6

Man-environment studies
Waterloo 6

Northern frontier studies
Alberta 6

Physical geography
Alberta 6
British Columbia 6
Brock 6
Carleton 3.6
Concordia 6
Guelph 3.6
McMaster 6
Memorial 6
Toronto 6
Wilfrid Laurier 6
Winnipeg 6
York 6

Remote sensing
Carleton 6
McGill 5

Settlement studies
Guelph 6

Télédétection
Laval 1.3
Ottawa 6

Urban and economic geography
Toronto 6

Urban geography
British Columbia 1.3
Carleton 3
McMaster 6
Windsor 6

Health Education/Hygiène

Addiction studies
McMaster 8

Alcoholism and drug dependence
Toronto 5

Behavioural science
Toronto 1.3

Biostatistics
Toronto 1.3

Community and epidemiology
Toronto 3

Community nutrition
Toronto 3

Environmental and occupational health
Toronto 1.3

Environmental health
Ryerson 6

Epidemiology
Toronto 1.3

Exercise sciences
Toronto 1.3

Health administration
Toronto 1.3

Health care practice
McMaster 3

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Health education
Dalhousie 6
Regina 6
Toronto 6

Health promotion
Toronto 3

Hygiene
Toronto 1.3.5.8

Hygiène du travail et de l'environnement
Montréal 3

Indian health studies
SIFC 7

Occupational health
McGill 5
Toronto 1.3

Occupational health and safety
McMaster 8

Occupational hygiene
McGill 5

Public health
Toronto 5

Santé au travail
Laval 8

Santé communautaire
Laval 5.10
Montréal 1.3.5
Sherbrooke 5

History/Histoire

African history
Dalhousie 1.3.6

American history
Dalhousie 1.3.6
King's (NS) 6
New Brunswick 1.3
Ottawa 6
Toronto 6
York 1

Ancient history
Brock 6
Carleton 6
Dalhousie 6
King's (NS) 6
Luther 6
McMaster 1.6
Manitoba 1.3.6
Ottawa 6
Saint Mary's 6
Toronto 1.2.3.6
Trent 6
Victoria (BC) 3.6
Waterloo 6

Atlantic provinces history
New Brunswick 1.3

British and European history
Carleton 6
Mount Allison 6

British and modern European history
York 1

British history
Dalhousie 1.3.6
King's (NS) 6
McMaster 1.6

Canadian history
Carleton 1.3.6
Dalhousie 1.3.6
King's (NS) 6
McMaster 1.6
Manitoba 1.3.6
New Brunswick 1.3
Ottawa 1.3.6
Saint Mary's 3.6
York 1

Caribbean/Latin American history
Dalhousie 1.3.6

Chinese history
York 1

Development studies
Carleton 3.6
Toronto 6

East Asian history
Toronto 6

Études sur la conduite de la guerre
RMC 3

European history
Dalhousie 1.3.6
King's (NS) 6
Ottawa 3.6

German history
Dalhousie 1.3.6
King's (NS) 6

Greek and Roman history
Toronto 6

Histoire
Laurentienne 3.6
Laval 1.3.6.9.10
Moncton 3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 6
Québec à Montréal 1.3.6
Québec à Rimouski 6
Québec à Trois-Rivières 6.8
RMC 3.6
Sainte-Anne 6
Saint-Boniface 6
Sherbrooke 3.6.9.10
York 6

Histoire américaine
Ottawa 6

Histoire ancienne
Laval 6

Histoire canadienne
Ottawa 1.3.6

Histoire et science politique
RMC 6

Histoire et sociopolitique des sciences
Montréal 1.3

Histoire européenne
Ottawa 3.6

History
Acadia 3.6
Alberta 1.3.6
Athabasca 6
Bishop's 3.6
Brandon 6
Brescia 6
British Columbia 1.3.6
Brock 6
Calgary 3.6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 1.3.6.10
Dalhousie 1.3.6
Guelph 1.3.6
Huron 6
King's (NS) 6
King's (Ont) 6
Lakehead 3.6
Laurentian 3.6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 2.3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 1.3.6
Ottawa 1.3.6
Prince Edward Island 6

(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(History concluded)
Queen's 1.3.6
Redeemer 6
Regina 3.6
RMC 3.6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 3.6
St. Thomas 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 3.6
Trinity Western 6
Victoria (BC) 3.6
Waterloo 1.2.3.6.10
Western 1.3.6
Wilfrid Laurier 3.6
Windsor 3.6
Winnipeg 3.6
York 1.3.6

History and political science
McGill 6
RMC 6
Toronto 6

History of ideas
Toronto 6

History of medicine and science
Western 6

History of philosophy
British Columbia 1.3
Toronto 6

History of political/social theory
Dalhousie 1.3.6

History of Quebec
Concordia 10

History of religion
British Columbia 3
Campion 6
Lethbridge 6
Luther 6
Ottawa 6
Regina 6

History of science
Western 6

History of science and technology
Toronto 3.6

Labour studies
Carleton 6
McMaster 6.8
Manitoba 6
Windsor 8

Mediaeval history
British Columbia 6
Dalhousie 1.3.6
King's (NS) 6
Ottawa 6
Toronto 1.3.6

North American history
Brock 6
Mount Allison 6
Saint Mary's 3.6

Peace and conflict studies
Carleton 3
McMaster 6
New Brunswick 1.3
Waterloo 6.10

Peace and war studies
Calgary 6

Peace studies
McMaster 10

Renaissance history
British Columbia 6
Dalhousie 6
King's (NS) 6
Manitoba 6
Queen's 6
Toronto 6

Russian history
Dalhousie 1.3.6

United States history
Dalhousie 1.3.6

Victorian history
York 3

Victorian studies
Toronto 6

War studies
Acadia 6
New Brunswick 1.3
RMC 3

Women's history
Dalhousie 1.3.6

Home Economics and Food Science/Sciences domestiques et science de la nutrition

Applied human nutrition
Acadia 6
Guelph 1.3.6

Biochimie des aliments
Ottawa 6

Clothing and textiles
Alberta 3.6
Brescia 6
Guelph 1.3.6
Manitoba 3.6
Mount Saint Vincent 6
Western 6
Windsor 6

Comprehensive studies
Brescia 6
Manitoba 6
Western 6

Consommation
Laval 6.10

Consumer studies
Acadia 6
Alberta 3
Guelph 3.6
McGill 6
Mount Saint Vincent 6
St. Francis Xavier 6

Dietetics
Acadia 6
Brescia 6
British Columbia 6
McGill 6
Mount Saint Vincent 6
Ottawa 6
St. Francis Xavier 6
Western 6

Diététique
Laval 6
Ottawa 6

Économie familiale
Moncton 6

Économie familiale et sociale
Québec à Montréal 8

Études familiales
Moncton 3

Family and consumer studies
Saskatchewan 2.6

Family studies
Acadia 6
Alberta 3.6
British Columbia 3.6
Guelph 1.3.6
Manitoba 3.6
Mount Saint Vincent 6
St. Jerome's 10

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Food administration
Acadia 6
Alberta 6
Brescia 6
McGill 6
Mount Saint Vincent 6
St. Francis Xavier 6
Western 6

Food biochemistry
Ottawa 6

Food chemistry
Alberta 6
McGill 6

Food, nutrition, consumer and family studies
Ryerson 6

Food processing
Alberta 6

Food science
Acadia 6
Alberta 1.3.6
British Columbia 1.3.6
Guelph 1.3.6
McGill 6
Manitoba 6
Mount Saint Vincent 6
Saint Mary's 6
Saskatchewan 1.3.5.6
Technical University 1.3

Foods and nutrition
Alberta 3.6
Brescia 6
Manitoba 3.6
Mount Saint Vincent 6
Saskatchewan 6
Western 6

Food and nutritional sciences
Manitoba 1

Home economics
Acadia 6
Alberta 3.6
Brescia 6
British Columbia 6
Mount Saint Vincent 6
Prince Edward Island 6
St. Francis Xavier 6
Saskatchewan 3.6
Western 6
Windsor 6

Housing and design
Guelph 6

Human ecology
Manitoba 6

Nutrition-English language program
Acadia 6
Brescia 6
British Columbia 1.3.6
Guelph 1.3.6
McGill 6
Memorial 6
Mount Saint Vincent 6
Ottawa 6
Prince Edward Island 6
St. Francis Xavier 6
Saskatchewan 3
Western 6

Nutrition and biochemistry
Guelph 6

Nutritional sciences
Toronto 1.3.5.6

Nutrition-programme en langue française
Laval 1.3
Moncton 6
Montréal 1.3.6
Ottawa 6

Sciences et technologie des aliments
Laval 1.3.6

Textiles
Guelph 6

Thérapie familiale et conjugale
Québec à Montréal 5

Vêtements et textiles
Moncton 3

Journalism, Communications, Radio-Television/ Journalisme, communications, radio-télévision

Broadcast journalism
Concordia 6

Communication design
Nova Scotia Art 6.7

Communication graphique
Laval 6

Communication publique
Laval 9.10

Communications-English language program
Brock 6
Calgary 3
Campion 6
Concordia 3.5.6
Guelph 3
Luther 6
McGill 1.3.6
Ottawa 6
Regina 6
SIFC 6.7
Simon Fraser 3.6
Toronto 6
Trinity Western 10
Wilfrid Laurier 6
Windsor 3.6

Communications-programme en langue française
Laval 9.10
Moncton 6
Ottawa 6
Québec, UQAT 8
Québec à Montréal 3.6.8
Québec à Rimouski 8

Communications sociales
Saint-Paul 7

Communications studies
Calgary 6

Indian communication arts
SIFC 7

Information et journalisme
Moncton 6
Montréal 10

Journalism
Campion 6
Carleton 3.6
Concordia 6.10
King's (NS) 6
Luther 6
Regina 6
Ryerson 6
SIFC 6
Western 3.7

Journalisme
Laval 10

Mass communications
Carleton 3.6
York 6

Media studies
Concordia 3

Organizational communications
Windsor 8

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Publicité
Montréal 10

Radio and television arts
Ryerson 6

Social communications
Saint Paul 7

Speech communications
Cape Breton 6

Languages and Literatures/ Langues et littératures

Akkadian, language and literature
Toronto 1.2.3

Allemand, langue et littérature
Laurentienne 6
Laval 3.6.9.10
Montréal 1
Ottawa 6

Anglais, langue et littérature
Cape Breton 6
Laval 1.3.6.9.10
Moncton 6
Ottawa 1.3.6
Sainte-Anne 6
Saint-Boniface 6
Sherbrooke 6.9.10
York 6

Anglais, langue seconde
Laval 10
Québec à Chicoutimi 8

Applied linguistics
Concordia 3

Aramaic-Syriac, language and literature
Toronto 1.2.3

Bilingual competence
Sainte-Anne 6
York 8

Canadian literature
British Columbia 1.3
Campion 6
Carleton 1.3
Guelph 6
Luther 6
McMaster 1
New Brunswick 1.3
Ottawa 1.3.6
Regina 3.6
SIFC 6
Toronto 6
Western 3

Chinese, language and literature
Alberta 6
British Columbia 1.3.6
Regina 3
Toronto 1.2.3.6
Victoria (BC) 6

Classical civilization
Waterloo 6.10

Classical languages
British Columbia 1.3.6
Brock 6

Classical philology (Latin and Greek)
Concordia 6
McMaster 1
Ottawa 1.3
Toronto 1.3.6

Classical studies
Lakehead 6
Laurentian 10
McMaster 6
Toronto 1.3.6
Waterloo 6
Wilfrid Laurier 6

Comparative Canadian literature
Carleton 3.6

Comparative linguistics
King's (NS) 6
Simon Fraser 1.3.6

Comparative literature
Alberta 1.3.6
British Columbia 1.3
Carleton 3
Dalhousie 6
McGill 3
McMaster 6
Mount Saint Vincent 6
New Brunswick 6
Toronto 1.3
Windsor 3.6

Compétence bilingue
Sainte-Anne 6
York 8

Création littéraire
Laval 10
Québec à Montréal 8

Creative writing
British Columbia 3.6
Concordia 3.6.10
Lethbridge 6
New Brunswick 3
Victoria (BC) 6
Windsor 3.6
York 6

Czech, language and literature
Toronto 6

Dramatic literature
Concordia 10

Egyptian, language and literature
Toronto 1.2.3

English, language and literature
Acadia 3.6
Alberta 1.3.6
Athabasca 6
Bishop's 3.6
Brandon 6
Brescia 6
British Columbia 1.3.6
Brock 6
Calgary 1.3.6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 3.6.10
Dalhousie 1.3.6
Guelph 3.6
Huron 6
King's (NS) 6
King's (Ont) 6
Lakehead 3.6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6.
McMaster 1.3.6
Manitoba 1.3.6
Memorial 1.3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 1.3.6
Ottawa 1.3.6
Queen's 1.3.6
Prince Edward Island 6
Redeemer 6
Regina 3.6
RMC 3.6
Sainte-Anne 6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 6
St. Michael's 6
St. Thomas 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 6
Trinity 6
Trinity Western 6
Victoria (BC) 3.6
Waterloo 2.3.6.10
Western 1.3.6
Wilfrid Laurier 6

(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(English, language concluded)
Windsor 3.6
Winnipeg 6
York 1.3.6

English and drama
Western 6

English-drama and theatre option
McGill 6

English-film and communications option
McGill 1.3.6

Espagnol, langue et littérature
Laurentienne 6
Laval 1.3.6.9.10
Montréal 1.3.6.9.10
Ottawa 3.6
Québec à Chicoutimi 8

Études allemandes
Montréal 3.6.9.10

Études anglaises
Laval 6.9
Montréal 1.3.6.9.10
Québec à Trois-Rivières 6

Études françaises
Laval 6
Montréal 1.3.6.9.10
Québec à Rimouski 6

Études hispaniques
Montréal 3.6.9.10

Études du langage
Québec à Montréal 8

Études littéraires
Québec à Chicoutimi 3
Québec à Hull 6
Québec à Montréal 3.6
Québec à Rimouski 3
Québec à Trois-Rivières 3

Études littéraires françaises
Québec à Chicoutimi 6
Québec à Trois-Rivières 6

Études littéraires québécoises
Québec à Trois-Rivières 6

Expression française écrite
Québec à Hull 8

Finnish, language and literature
Alberta 6
Lakehead 6

Folklore
Sudbury 10

Français écrit
Québec à Montréal 8

Français juridique
Western 7

Français, langue et littérature
Alberta 6
Bishop's 6
Carleton 3.6
Laurentienne 3.6
Laval 1.3.6.9.10
Moncton 3.6
Montréal 9
Ottawa 1.3.6
Sainte-Anne 6
Saint-Boniface 6
Sherbrooke 1.3.6.9.10
York 6

Français, langue seconde
Laurentienne 8
Laval 6.9.10

Français pour non-francophones
Laval 3.6.9.10
Moncton 8
Ottawa 8
Québec à Chicoutimi 8
Québec à Trois-Rivières 8
Sainte-Anne 8

Français pratique
Western 7

French Canada, language and literature
Alberta 1.3.6
Campion 6
Carleton 3.6
Guelph 6
Laurentian 6
Luther 6
McGill 6
Ottawa 1.3.6
Queen's 1.3.6
Regina 6

French, language and literature
Acadia 3.6
Alberta 1.3.6
Athabasca 6
Bishop's 6
Brandon 6
Brescia 6
British Columbia 1.3.6
Brock 6
Calgary 3.6
Cape Breton 6
Campion 6
Carleton 3.6.8
Concordia 6.10
Dalhousie 3.6
Guelph 6
Huron 6
King's (NS) 6
King's (Ont) 6
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6.8
McMaster 3.6
Manitoba 1.3.6
Memorial 3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 3.5.6.8
Ottawa 1.3.6
Prince Edward Island 6
Redeemer 6
Regina 3.6
Sainte-Anne 6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 6
St. Michael's 6
St. Thomas 6
Saskatchewan 3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Trent 6
Trinity 6
Victoria (BC) 3.6.8
Waterloo 3.6.10
Western 1.3.6
Wilfrid Laurier 3.6
Windsor 3.6
Winnipeg 6
York 6

French proficiency
Lakehead 8

German, language and literature
Acadia 6
Alberta 1.3.6
Bishop's 6
Brandon 10
British Columbia 1.3.6
Brock 6
Calgary 3.6
Campion 6
Carleton 3.6
Concordia 6.10
Dalhousie 3.6
Guelph 6
King's (Ont) 6
King's (NS) 6
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6.8
McMaster 3.6
Manitoba 3.6
(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1^{er} cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(German, language concluded)
Memorial 2.3.6
Mount Allison 6
New Brunswick 3.6
Ottawa 6
Queen's 1.3.6
Regina 6
Saint Mary's 6
St. Michael's 6
St. Thomas More 6
Saskatchewan 3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 6
Trinity 6
Victoria (BC) 6
Waterloo 1.2.3.6.10
Western 6
Wilfrid Laurier 6
Windsor 6
Winnipeg 6
York 6

Grec, langue et littérature
Laval 1.3.6.9.10
Ottawa 1.3.6

Greek, language and literature
Acadia 6
Alberta 1.3.6
British Columbia 1.3.6
Brock 6
Calgary 6
Campion 6
Carleton 3.6
Dalhousie 1.3.6
Guelph 6
King's (NS) 6
Luther 6
McGill 1.3.6
McMaster 3.6
Manitoba 3.6
Memorial 6
Mount Allison 6
New Brunswick 3.6
Ottawa 1.3.6
Queen's 6
Regina 6
St. Thomas More 6
Saskatchewan 3.5.6
Toronto 1.2.3.6
Trent 6
Trinity 6
Victoria (BC) 3.6
Waterloo 6.10
Western 3.6
Wilfrid Laurier 6
Windsor 6
Winnipeg 6
York 6

Hebrew, language and literature
Concordia 10
Manitoba 6
Toronto 1.3.6
York 6

Hispanic languages
Alberta 1.3.6
McGill 3.6.8
Windsor 6

Humanities
Bishop's 6
Calgary 6
Concordia 1
Guelph 6
McMaster 6
New Brunswick 6
Toronto 6

Icelandic, language and literature
Manitoba 3.6

Indian languages
Campion 6
Lethbridge 6
Regina 6
SIFC 10
Toronto 6
Victoria (BC) 7

Interprétation (traduction)
Montréal 3

Interprétation auprès du tribunal
Laurentienne 8

Italian, language and literature
Alberta 3.6
Bishop's 10
British Columbia 3.6
Brock 6
Carleton 6
Concordia 6.10
Guelph 6
Lakehead 6
Laurentian 6
McGill 3.6.8
McMaster 6
Ottawa 6
Queen's 6
St. Jerome's 10
St. Thomas 6
Toronto 1.2.3.6
Waterloo 10
Windsor 6
York 6

Italien, langue et littérature
Laurentienne 6
Ottawa 6

Japanese, language and literature
Alberta 6
British Columbia 1.3.6
Toronto 1.2.3.6
Victoria (BC) 6

Langages et méthodes quantitatives
Montreal 10

Langues et cultures dans la société québécoise
Québec à Montréal 8

Langues et littératures slaves
Ottawa 1.3.6

Langues modernes
Ottawa 6
Québec à Chicoutimi 8
Sherbrooke 10

Latin, language and literature
Acadia 6
Alberta 1.3.6
Brandon 10
British Columbia 1.3.6
Brock 6
Calgary 6
Campion 6
Carleton 3.6
Dalhousie 3.6
Guelph 6
King's (NS) 6
Luther 6
McGill 1.3.6
McMaster 3.6
Manitoba 3.6
Memorial 6
Mount Allison 6
New Brunswick 3.6
Ottawa 1.3.6
Queen's 6
Regina 6
St. Michael's 1.4
St. Thomas 6
St. Thomas More 6
Saskatchewan 6
Toronto 1.3.6
Trent 6
Trinity 6
Victoria (BC) 3.6
Waterloo 6.10
Western 3.6
Wilfrid Laurier 6
Windsor 6
Winnipeg 6
York 6

Latin, langue et littérature
Laval 1.3.6.9.10
Ottawa 1.3.6

Legal interpretation
Laurentian 8

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Liberal studies
Brock 6

Linguistics
Alberta 1.3.6
British Columbia 1.3.6.7
Calgary 3.6
Carleton 6.8
Concordia 3.6.10
Guelph 6
Lethbridge 6
McGill 1.3.6
McMaster 6
Memorial 1.2.3.6
New Brunswick 3.6
Ottawa 1.3.6
St. Thomas More 6
Saskatchewan 6
Simon Fraser 1.3.6
Toronto 1.3.6
Victoria (BC) 1.3.6
Windsor 6
York 6

Linguistique
Laurentienne 6
Laval 1.3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 3.6
Québec à Montréal 3.6
Québec à Trois-Rivières 6
York 6

Linguistique appliquée:terminologie
Montréal 3

Linguistique française
Laval 6

Littérature
Montréal 1

Littérature canadienne comparée
Sherbrooke 1.3

Littérature comparée
Montréal 3

Littérature comparée et générale
Montréal 1

Littérature québécoise
Carleton 3.6
Laval 1.3.6.10
Ottawa 1.3.6

Mediaeval literature
British Columbia 6
Dalhousie 6
King's (NS) 6
Manitoba 6
Queen's 6
St. Michael's 1.4
Toronto 1.3
Waterloo 6

Modern languages
McGill 6
Ottawa 6
Prince Edward Island 6
St. Francis Xavier 6
Toronto 6

North American literature
McGill 6
New Brunswick 1.3
St. Thomas More 6
Saskatchewan 6
York 1

Polish, language and literature
Alberta 3.6
British Columbia 1.3.6
Ottawa 1.3.6
Toronto 6

Portuguese
Toronto 1.2.3.6

Quebec literature
Concordia 6
McGill 6
Ottawa 1.3.6

Recherche documentaire et rédaction française
Montréal 10

Recherche et rédaction
Québec à Trois-Rivières 8

Romance languages
Alberta 1.3.6
British Columbia 6
Brock 6
Manitoba 6
Wilfrid Laurier 3.6

Russe, langue et littérature
Laurentienne 6
Ottawa 1.3.6

Russian, language and literature
Alberta 3.6
British Columbia 1.3.6
Brock 6
Calgary 6
Campion 6
Carleton 6
Concordia 10
Dalhousie 6
King's (NS) 6
Laurentian 6
Luther 6
McGill 1.3.6.8
McMaster 6
Manitoba 3.6
Memorial 6
Ottawa 1.3.6
Queen's 6
Regina 6
St. Thomas More 6
Saskatchewan 6
Simon Fraser 1.3.6
Toronto 1.3.6
Victoria (BC) 6
Waterloo 3.6
Western 6
Windsor 6
York 6

Russian and German scientific translation
Waterloo 6

Sanskrit, language and literature
Toronto 1.2.3.6

Scandinavian
Alberta 6

Sémiologie
Québec à Montréal 1

Semiotics
Toronto 6

Semitic languages
Saskatchewan 6

Slavic languages
Alberta 1.3.6
British Columbia 1.3.6
Campion 6
Luther 6
Manitoba 3.6
Regina 6
St. Thomas More 6
Saskatchewan 3.5.6
Toronto 1.2.3.6
Waterloo 6

Slavic languages and literatures
Alberta 1.3.6
McMaster 6
Ottawa 1.3.6

South Asian language and literature
Toronto 1.3.6

Spanish, language and literature
Acadia 6
Alberta 1.3.6
British Columbia 1.3.6
Brock 6
Calgary 6

(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(Spanish, language concluded)
Carleton 3.6
Concordia 6.10
Dalhousie 6
Guelph 6
King's (Ont) 6
King's (NS) 6
Lakehead 6
Laurentian 6
McGill 3.6.8
McMaster 6
Manitoba 6
Memorial 6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 3.6
Ottawa 3.6
Queen's 6
St. Francis Xavier 6
Saint Mary's 6
St. Thomas 6
St. Thomas More 6
Saskatchewan 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 6
Victoria (BC) 6
Waterloo 6.10
Western 3.6
Wilfrid Laurier 3.6
Windsor 6
York 6

Speech sciences in linguistics
British Columbia 6

Techno-linguistique autochtone
Québec à Chicoutimi 8

Terminologie
Québec à Montréal 8

Terminologie et traduction
Laval 3

Theoretical linguistics
McGill 1.3.6

Théorie et épistémologie de la littérature
Montréal 1

Traduction
Laurentienne 6
Laval 6
Montréal 3.6.10
Moncton 6.8
Ottawa 3.6
Québec à Hull 8
Québec à Trois-Rivières 6.8
Saint-Boniface 6.8
York 6

Translation
British Columbia 7
Concordia 6
Laurentian 6
McGill 7.8
Ottawa 3.6
Queen's 6
Toronto 5
York 6

Ukrainian, language and literature
Alberta 3.6
Campion 6
Luther 6
Manitoba 3.6
Ottawa 1.3.6
Regina 6
St. Thomas More 6
Saskatchewan 6
Toronto 6

Victorian literature
York 3

Writing/translation (English and French)
Concordia 5

Law/Droit

Comparative law
McGill 1.3

Droit
Laval 1.3.6.10
Moncton 6
Montréal 1.3.5.6.10
Ottawa 1.3.4.8
Sherbrooke 6

Droit de la santé
Sherbrooke 3

Droit et administration des affaires
Ottawa 3.4

Droit et justice
Laurentienne 5.6.8

Droit et les citoyens, le
Québec, UQAT 8

Droit notarial
Laval 5
Montréal 5
Ottawa 5
Sherbrooke 9

Droit social et du travail
Québec à Montréal 8

International air law
McGill 1.3.5

Juridique
Western 7

Justice and law enforcement
Winnipeg 6

Law
Alberta 3.5.6
British Columbia 3.6
Calgary 6
Carleton 6
Dalhousie 1.3.6
McGill 1.3.6
Manitoba 3.6
New Brunswick 6
Ottawa 1.3.5.6
Queen's 3.6
Saskatchewan 3.6
Toronto 1.3.6
Victoria (BC) 6
Western 6
Windsor 6
York 1.3.6.8

Law and business administration
McGill 3.6
Ottawa 3.6
Windsor 3

Law and justice
Laurentian 5.6.8

Law and politics
Lakehead 6

Law and society
Calgary 6
Waterloo 10
York 6

Law enforcement and administration
Toronto 10

Legislative drafting
Ottawa 5

Managerial law
Concordia 10

Marine law
Dalhousie 3.6

Mediaeval law
St. Michael's 1.4

Notariat
Ottawa 5

Paralegal technology
Cape Breton 7

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Rédaction législative
Ottawa 5

Sciences juridiques
Québec à Montréal 6

Library Science/ Bibliothéconomie

Archival studies
British Columbia 3

Archivistique
Montréal 10

Bibliothéconomie et sciences de l'information
Montréal 3

Bibliothéconomie en éducation
Ottawa 8

Gestion des documents et des archives historiques
Québec à Montréal 8

Library science
Alberta 3
British Columbia 3
Dalhousie 3
Lakehead 7
Western 3

Library and information science
McGill 3
Western 1
Toronto 1.3

Library science in education
Alberta 5
British Columbia 3
Lethbridge 7
Ottawa 8
Regina 6
Victoria (BC) 7

Library studies
Concordia 5.6.10

School librarianship
Toronto 3

Marine Science/Sciences de l'eau

Fisheries
British Columbia 1.3
Guelph 1.3.6

Marine sciences
British Columbia 1.3.6
Guelph 1.3.6
King's (NS) 6
Memorial 1.3.6
New Brunswick 1.3.6.7
Victoria (BC) 1.3.6

Océanographie
Québec à Rimouski 3

Oceanography
British Columbia 1.3
Dalhousie 1.3
McGill 1.3
Royal Roads 6

Productivité aquatique
Québec à Chicoutimi 3

Ressources hydriques
Montréal 3

Sciences de l'eau
Québec, Institut de la recherche scientifique 1.3

Sciences et techniques de l'eau
Québec à Montréal 8

Mathematics/ Mathématiques

Actuarial mathematics
Concordia 6
Lakehead 6

Actuarial and business mathematics
Manitoba 3.6

Actuarial science
Calgary 6
Lakehead 6
Manitoba 3.6
Toronto 6
Waterloo 3.6
Western 6

Actuariat
Laval 6
Montréal 6

Analyse fonctionnelle
Ottawa 1.3

Applicable mathematics
Guelph 6

Applied computational and mathematical science
York 6

Applied mathematics
Alberta 6
British Columbia 1.3
Brock 6
Calgary 1.3.6
Carleton 1.3.6
Concordia 6
Dalhousie 1.3.6
McGill 1.3.6
McMaster 3.6
Manitoba 6
Ottawa 1.3.6
Simon Fraser 1.3.6
Toronto 1.3.6
Trinity Western 6
Victoria (BC) 3
Waterloo 1.2.3.6
Western 1.3.6
Wilfrid Laurier 6
Windsor 6
Winnipeg 6

Applied statistics
Carleton 3.6
Guelph 3
McGill 1.3
McMaster 3

Applied statistics and computation
Carleton 3

Biomathematics
Dalhousie 3

Cognitive science and artificial intelligence
Toronto 6

Combinatorics
Carleton 1.3
Waterloo 1.2.3.6

Computational science
McMaster 3
St. Thomas More 6
Saskatchewan 1.3.5.6

Dynamical systems
Carleton 6

Functional analysis
Ottawa 1.3

General science
New Brunswick 6

Information science
Carleton 3
Ottawa 3

Informatisation et traitement des données
Ottawa 3.6

Mathematical physics
Alberta 1.3.6

Explication des numéros
1: Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Mathematical sciences
Carleton 6
McMaster 6
Toronto 6

Mathematics
Acadia 3.6
Alberta 1.3.6
Bishop's 6
Brandon 6
British Columbia 1.3.6
Brock 6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 3.6.10
Dalhousie 1.3.6
Guelph 3.6
King's (NS) 6
Lakehead 3.6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 1.2.3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 1.3.6
Ottawa 1.3.6
Prince Edward Island 6
Queen's 1.3.6
Regina 1.3.6
RMC 3
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 6
St. Thomas 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Trent 6
Victoria (BC) 3.6
Waterloo 1.2.3.6
Western 1.3.6
Windsor 1.3.6
Winnipeg 6
York 3.6

Mathematics and computing science
Guelph 6
McGill 6
Simon Fraser 6
Trinity Western 6
Windsor 6

Mathematics for commerce
York 6

Mathématiques
Laval 1.3.6
Moncton 6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 3.6
Québec à Montréal 3.6
Québec à Rimouski 3
Québec à Trois-Rivières 3.6
RMC 3
Saint-Boniface 6
Sherbrooke 1.3.6.9.10

Mathématiques appliquées
Montréal 1.3.6

Mathématiques fondamentales
Montréal 6

Mathématiques - informatique
Montréal 6
Québec à Chicoutimi 6
Québec à Rimouski 6

Mathématiques - physique
Montréal 6

Medical statistics
McMaster 3

Méthodes quantitatives
Québec à Montréal 8

Probability
Ottawa 1.3

Probability and statistics
Carleton 1.3

Pure mathematics
Brock 6
Calgary 1.3.6
Carleton 1.3.6
Dalhousie 1.3.6
McGill 1.3.6
Ottawa 1.3.6
Victoria (BC) 3
Waterloo 1.2.3.6
Windsor 6
Winnipeg 6

Statistics
Alberta 1.3.6
British Columbia 1.3.6
Calgary 1.3.6
Campion 6
Carleton 1.3.6
Concordia 6.10
Dalhousie 1.3.6
Guelph 3.6.8
McMaster 3.6
Manitoba 1.3.6
Memorial 3.6
New Brunswick 1.3.6
Ottawa 3.6
Queen's 6
Regina 6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Victoria (BC) 3.6
Waterloo 1.2.3.6
Western 1.3.6
Windsor 6
Winnipeg 6

Statistique
Laval 6.10
Montréal 1.3.6
Ottawa 3.6

Medicine/Médecine

Note: For Medicine only, 5 also denotes specialty training programs approved by the Royal College of Physicians and Surgeons of Canada.

Note: Seulement pour médecine, le chiffre 5 représente aussi les programmes de formation dans les spécialités agréées par le Collège royal des médecins et chirurgiens du Canada.

Allergie
Montréal 5

Anaesthesia
Alberta 5
British Columbia 5
Calgary 5
Dalhousie 5
McGill 5
McMaster 5
Manitoba 5
Memorial 5
Ottawa 5
Queen's 5
Saskatchewan 5
Toronto 5
Western 5

Anatomical pathology
Alberta 5
Dalhousie 5
Saskatchewan 5
Toronto 5

Anatomie
Laval 1.3
Montréal 1.3
Ottawa 1.3
Sherbrooke 1.3

Anatomie-pathologie
Laval 5

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Anatomy
Alberta 1.3
British Columbia 1.3
Dalhousie 1.3.5
McGill 1.3.6
Manitoba 1.3.5
Ottawa 1.3
Queen's 3
Saskatchewan 1.3.5.6
Toronto 1.3.6
Western 1.3.6

Anesthésie
Laval 5
Montréal 5
Ottawa 5

Applied sciences in medicine
Alberta 3

Bacteriology
Alberta 3
Toronto 1.3

Biochemistry
Alberta 1.3.6
British Columbia 1.3
Dalhousie 1.3
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.5
Ottawa 1.3.6
Queen's 3
Saskatchewan 1.3.5.6
Toronto 1.3.6
Western 1.3.5.6

Biochimie
Laval 1.3.6
Montréal 1.3.5.6
Ottawa 1.3.6
Sherbrooke 1.3

Biochimie médicale
Laval 1.5

Biologie cellulaire
Sherbrooke 1.3

Biomedical ethics
Manitoba 5

Biomedical science
Toronto 6

Biophysics
Toronto 1.3
Western 3.5

Biophysique
Sherbrooke 1.3
Québec à Trois-Rivières 3

Blood and cardiovascular systems
McMaster 1.3
Ottawa 5

Cardiologie
Laval 5
Montréal 5
Ottawa 5

Cardiology
Alberta 5
British Columbia 5
Dalhousie 5
Ottawa 5
Saskatchewan 5
Toronto 5

Cardiovascular and thoracic surgery
Alberta 5
McGill 5
McMaster 5
Ottawa 5
Queen's 5
Toronto 5
Western 1.3.5

Chirurgie
Laval 5
Montréal 5
Ottawa 5

Chirurgie générale
Montréal 5

Chirurgie buccale
Laval 8

Chirurgie cardio-vasculaire et thoracique
Montréal 5
Ottawa 5

Chirurgie expérimentale
Laval 1.3

Chirurgie orthopédique
Laval 5
Ottawa 5

Chirurgie plastique
Montréal 5

Clinical behavioral sciences
McMaster 5

Clinical chemistry
Toronto 1.3.5

Clinical neurological sciences
Western 5

Clinical pharmacology
Toronto 5

Clinical sciences
Toronto 5

Dermatologie
Laval 5
Montréal 5
Ottawa 5

Dermatology
British Columbia 5
Ottawa 5
Toronto 5

Emergency medicine
Toronto 5

Endocrinologie
Laval 5
Montréal 5

Endocrinology
British Columbia 5
Toronto 5

Epidemiology
Queen's 1.3.5
Toronto 1.3.5
Western 1.3

Epidemiology and biostatistics
Western 1.5

Epidemiology and health
McGill 1.3.5

Experimental medicine
Alberta 3
McGill 1.3

Family medicine
Alberta 5
British Columbia 5
Dalhousie 5
McGill 5
McMaster 5
Manitoba 5
Ottawa 5
Saskatchewan 5
Toronto 5
Western 3.5

Gastro-entérologie
Montréal 5
Ottawa 5

Gastroenterology
British Columbia 5
Dalhousie 5
Toronto 5

Geriatric medicine
Toronto 5

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
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9. Majeure ou diplôme 10. Mineure ou certificat

Gestion des services de santé
Montréal 10

Growth and development
McMaster 1.3

Health care practice
McMaster 3

Health sciences
British Columbia 3
McMaster 3
Toronto 3

Hematological pathology
Dalhousie 5
Saskatchewan 5
Toronto 5

Hématologie
Laval 5
Montréal 5

Hematology
British Columbia 5
Dalhousie 5
Toronto 5

Human communication disorders
McGill 1.3

Immunology
Alberta 1.3
Manitoba 1.3
Ottawa 1.3
Toronto 1.3.5.6
Western 1.3.6

Industrial health
McMaster 8
Toronto 5

Infectious diseases
Alberta 5
British Columbia 5
Toronto 5

Internal medicine
Alberta 5
British Columbia 5
Calgary 5
Dalhousie 5
McMaster 5
Manitoba 3.5
Memorial 5
Ottawa 5
Queen's 5
Saskatchewan 5
Toronto 5
Western 5

Laboratory medicine
Alberta 5
British Columbia 6
Dalhousie 5
McMaster 5
Ottawa 5

Médecine
Laval 1.3.5.6
Montréal 5.6
Ottawa 1.3.5.6
Sherbrooke 6

Médecine communautaire
Ottawa 5

Médecine et chirurgie expérimentales
Laval 1.3
Montréal 1.3

Médecine familiale
Laval 5
Montréal 5
Ottawa 5

Médecine familiale et d'urgence
Montréal 5

Médecine interne
Laval 5
Montréal 5
Ottawa 5

Médecine nucléaire
Montréal 5

Médecine sociale et préventive
Montréal 1

Medical biochemistry and pathology
Saskatchewan 5
Toronto 5

Medical biophysics
Dalhousie 1.3
Toronto 1.3

Medical cell biology
Toronto 1.3

Medical genetics
Saskatchewan 5
Toronto 6

Medical laboratory science
Alberta 6
British Columbia 6
Lakehead 6

Medical research science
Alberta 6

Medical science
Alberta 6
British Columbia 1.3
Calgary 1.3
McMaster 1.3
Memorial 6
Saskatchewan 6
Toronto 1.3

Medicine
Alberta 1.3.5.6
British Columbia 1.3.5.6
Calgary 1.3.5.6
Dalhousie 5.6
McGill 1.3.5.6
McMaster 1.3.5
Manitoba 6.8
Memorial 1.3.5.6
Ottawa 1.3.5.6
Queen's 3.6
Saskatchewan 1.3.5.6
Toronto 1.3.5.6
Western 5.6

Mental retardation
Saskatchewan 5

Microbiologie
Laval 1.3.5.6
Montréal 5
Ottawa 1.3
Sherbrooke 1.3

Microbiologie appliquée
Québec, Institut Armand-Frappier 3

Microbiologie et immunologie
Montréal 1.3

Microbiology
Alberta 1.3.6
British Columbia 1.3.5.6
Dalhousie 1.3.5.6
Manitoba 1.3.5.6
Ottawa 1.3
Queen's 1.3.6
Saskatchewan 1.3.5.6
Toronto 1.3.5.6
Western 3.6

Microbiology and immunology
McGill 1.3.6
Western 5

Néphrologie
Laval 5
Montréal 5

Nephrology
British Columbia 5
Toronto 5

Neurobiologie
Laval 1.3

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Neurochirurgie
Laval 5
Montréal 5

Neurologie
Laval 5
Montréal 5
Ottawa 5

Neurology
Alberta 5
British Columbia 3.5
Dalhousie 5
McMaster 5
Ottawa 5
Queen's 5
Saskatchewan 5
Toronto 5
Western 3

Neurology and neurosurgery
McGill 1.3.5

Neuropathology
Toronto 5

Neuroscience
British Columbia 1.3
Carleton 1.3
McMaster 1.3
Ottawa 1.3

Neuroscience (Behavioral)
Laurentian 6

Neurosurgery
Alberta 5
Calgary 5
Dalhousie 5
Ottawa 5
Saskatchewan 5
Toronto 5
Western 3

Nuclear medicine
Alberta 5
Saskatchewan 5
Toronto 5

Obstetrics and gynaecology
Alberta 5
British Columbia 1.3.5
Calgary 5
Dalhousie 5
McMaster 5
Manitoba 5.8
Memorial 5
Ottawa 5
Queen's 5
Saskatchewan 5
Toronto 5
Western 3.5

Obstétrique et gynécologie
Laval 5
Montréal 5
Ottawa 5

Occupational health
McGill 5

Occupational hygiene
McGill 5

Oncology
British Columbia 5
Toronto 5

Ophtalmologie
Laval 5
Montréal 5
Ottawa 5

Ophthalmology
Alberta 3.5
British Columbia 5
Dalhousie 5
McMaster 5
Manitoba 5.6.8
Ottawa 5
Queen's 5
Saskatchewan 5
Toronto 5
Western 5

Orthopaedic surgery
Alberta 5
Calgary 5
Dalhousie 5
McMaster 5
Memorial 5
Ottawa 5
Queen's 5
Saskatchewan 5
Toronto 5
Western 3.5

Orthopédie
Montréal 5
Ottawa 5

Otolaryngology
Alberta 5
Dalhousie 5
Manitoba 5.6.8
Ottawa 5
Queen's 5
Toronto 5
Western 5

Oto-rhino-laryngologie
Laval 5
Montréal 5
Ottawa 5

Paediatrics
Alberta 1.3.5
British Columbia 5
Calgary 5
Dalhousie 5
McMaster 5
Manitoba 3.5.8
Memorial 5
Ottawa 5
Queen's 3
Saskatchewan 5
Toronto 5
Western 3

Paediatric surgery
Toronto 5

Pathological chemistry
Toronto 1.3

Pathologie
Laval 1.3
Montréal 1.3.5
Ottawa 1.3

Pathology
Alberta 3.5
British Columbia 1.3.5
Dalhousie 3.5
McGill 1.3
Manitoba 3.5.8
Ottawa 1.3.5
Queen's 1.3
Saskatchewan 1.3.5
Toronto 1.3.5
Western 1.3.5

Pédiatrie
Laval 5
Montréal 5
Ottawa 5

Pharmacologie
Montréal 1.3
Ottawa 1.3.5
Sherbrooke 1.3

Pharmacologie et toxicologie
Laval 1.3

Pharmacology
Alberta 1.3
British Columbia 1.3.6
Dalhousie 1.3
McGill 1.3
Manitoba 1.3.5.8
Ottawa 1.3.5
Queen's 1.3
Saskatchewan 1.3.5
Toronto 1.3.6
Western 1.3

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7 Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Physiatrie
Laval 5
Montréal 5

Physical medicine and rehabilitation
Alberta 5
British Columbia 5
Dalhousie 5

Physiologie
Laval 1.3
Montréal 1.3
Ottawa 1.3.6
Sherbrooke 1.3

Physiology
Alberta 1.3.5
British Columbia 1.3.6
Dalhousie 1.3
McGill 1.3.6
Manitoba 1.3.5
Ottawa 1.3.6
Queen's 3
Saskatchewan 1.3.5.6
Toronto 1.3
Western 1.3.5.6

Plastic surgery
Alberta 5
Dalhousie 5
Saskatchewan 5
Toronto 5
Western 5

Pneumologie
Laval 5
Montréal 5

Preventive medicine
Toronto 1.3.5

Psychiatrie
Laval 5
Montréal 5
Ottawa 5

Psychiatry
Alberta 1.3.5
British Columbia 3
Calgary 5
Dalhousie 5
McGill 3.5
McMaster 5
Manitoba 3.5.8
Memorial 5
Ottawa 5
Queen's 3.5
Saskatchewan 1.3.5
Toronto 5
Western 3.5

Radiation oncology
Alberta 5
Toronto 5
Western 3.5

Radiobiologie
Sherbrooke 3

Radiologie diagnostique
Laval 5
Montréal 5
Ottawa 5

Radiologie thérapeutique
Laval 5

Radiology-diagnostic
Alberta 3.5
British Columbia 5
Calgary 5
Dalhousie 5
McMaster 5
Manitoba 5.8
Memorial 5
Ottawa 5
Queen's 5
Saskatchewan 5
Toronto 5
Western 5

Radiology-therapeutic
British Columbia 5
Dalhousie 5
Queen's 5
Toronto 5

Radiothérapie
Montréal 5

Rehabilitation medicine
Saskatchewan 3.5
Toronto 5

Respiratory diseases
British Columbia 5
Dalhousie 5
Toronto 5

Rheumatology
British Columbia 5
Dalhousie 5
Saskatchewan 5
Toronto 5

Rhumatologie
Montréal 5

Sciences cliniques
Montréal 1.3
Sherbrooke 1.3

Sciences neurologiques
Montréal 1.3

Sexologie
Québec à Montréal 3.6

Sexualité humaine
Laval 10

Social and preventive medicine
Manitoba 6
Saskatchewan 5

Speech pathology
Toronto 3

Surgery
Alberta 1.3.5
British Columbia 3.5
Calgary 5
Dalhousie 5
McGill 1.3
McMaster 5
Manitoba 3.5.8
Memorial 5
Ottawa 5
Queen's 3
Saskatchewan 3.5
Toronto 5
Western 5

Thanatologie
Québec à Montréal 5

Therapeutics
Manitoba 3

Thoracic surgery
Toronto 5

Toxicologie
Montréal 5

Urological surgery
Western 5

Urologie
Laval 5
Montréal 5
Ottawa 5

Urology
Alberta 5
Dalhousie 5
Ottawa 5
Queen's 5
Toronto 5

Vascular surgery
Toronto 5

Virologie
Montréal 1
Québec, Institut Armand-Frappier 1.3

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Virology
McMaster 1.3

Music/Musique

Applied music
Alberta 3.6
Calgary 3
Campion 6
Dalhousie 6
Guelph 6
Memorial 6
Regina 6
SIFC 6
Windsor 6

Baroque music
Wilfrid Laurier 6

Canadian music
Carleton 3

Church music
Wilfrid Laurier 6
Windsor 9

Composition-English language program
Acadia 6
Alberta 3.6
British Columbia 1.3.6
Calgary 3.6
Carleton 6
Concordia 6
Dalhousie 6
McGill 1.3.6
Manitoba 6
Mount Allison 6
New Brunswick 8
Ottawa 6
St. Thomas More 6
Saskatchewan 6
Toronto 3.6
Victoria (BC) 6
Western 6
Wilfrid Laurier 6
York 6

Composition-programme en langue française
Laval 3.6
Montréal 1.3.6
Ottawa 6

Conducting
Toronto 6

Contemporary music
Simon Fraser 10

Ethnomusicology
British Columbia 3
Carleton 3
Ottawa 6
York 3.6

Histoire et littérature musicales
Laval 6

Integrative music studies
Concordia 6

Interprétation
Laval 3.6
Montréal 1.3.6
Ottawa 6

Jazz performance
McGill 6

Jazz studies
Concordia 6
St. Francis Xavier 7

Kodaly concept of music education
Calgary 5

Music
Acadia 6
Alberta 1.3.6
Bishop's 6
Brandon 6
British Columbia 1.3.6
Brock 6
Calgary 3.6
Campion 6
Carleton 3.6.7
Concordia 5.6.10
Dalhousie 6
Guelph 6
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.4.6.7
McMaster 6
Manitoba 6
Memorial 6
Mount Allison 6
Ottawa 6
Prince Edward Island 6
Queen's 6
Regina 3.6
St. Francis Xavier 6
St. Thomas More 6
Saskatchewan 3.6
SIFC 6
Toronto 1.3.4.5.7
Trinity Western 6
Victoria (BC) 1.3.6
Waterloo 6.10
Western 3.6
Wilfrid Laurier 6
Windsor 6
Winnipeg 6
York 3.6

Music criticism
McMaster 3

Music education
Brandon 3
British Columbia 6
McMaster 6
Toronto 3.6

Music history
Brock 6
Calgary 6
Campion 6
Carleton 6
Dalhousie 6
Guelph 6
Luther 6
McGill 6
Manitoba 6
Mount Allison 6
Queen's 6
Regina 6
St. Thomas More 6
Saskatchewan 6
SIFC 6
Toronto 3.6
Victoria (BC) 6
Western 3.6
York 6

Music history and literature
Alberta 6
British Columbia 6
Memorial 6
Toronto 6
Windsor 6

Music history and theory
McMaster 6

Music theatre
Windsor 6

Music therapy
Wilfrid Laurier 6

Musical arts
British Columbia 1
Western 6
Windsor 6

Musicologie
Laval 1.3
Montréal 1.3.6
Ottawa 6

Musicology
Alberta 3.6
British Columbia 3
Calgary 3
Carleton 6
Ottawa 6
Toronto 1.3
(continued)

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

(Musicology concluded)
Victoria (BC) 1.3
Western 3
York 3

Musique
Laval 1.3.6
Moncton 6
Montréal 1.3.6
Ottawa 6
Québec à Montréal 6
Québec à Trois-Rivières 6

Musique-enseignement professionnel
Moncton 6
Ottawa 6

Operatic performance
Toronto 5
Wilfrid Laurier 8

Operatic production
British Columbia 3.6

Performance
Acadia 6
Alberta 1.3.6
Brandon 3.6
British Columbia 1.3.6
Brock 6
Calgary 6
Campion 6
Concordia 5.6
Dalhousie 6
Guelph 6
Luther 6
McGill 3.5.6
McMaster 6
Manitoba 6
Mount Allison 6
Ottawa 6
Queen's 6
Regina 3.6
St. Thomas More 6
Saskatchewan 6
SIFC 6
Toronto 3.4.6.7
Victoria (BC) 3.6
Western 3.6.7
Wilfrid Laurier 6
Windsor 6
York 6

School music
Calgary 3.6
Windsor 6

Selected studies
Concordia 6

Sound recording
McGill 3

Symphonic band and wind ensemble
Calgary 5

Techniques d'écriture
Montréal 6

Théorie
Ottawa 6

Theory
Alberta 3.6
British Columbia 3.6
Calgary 6
Concordia 6
Dalhousie 6
McGill 6
Ottawa 6
Queen's 6
St. Thomas More 6
Saskatchewan 6
Toronto 1.3.6
Victoria (BC) 6
York 6

Theory/composition
Concordia 6
Memorial 6
Mount Allison 6
Western 3.6

Nursing/Sciences infirmières

Administration
Dalhousie 3

Adult intensive care nursing
Ryerson 8

Community health nursing
Dalhousie 3
Memorial 7
Ottawa 6

Curriculum development
Dalhousie 3

Évaluation et promotion de la santé
Sherbrooke 10

Gestion d'unité de soins
Sherbrooke 10

Health sciences
McMaster 3

Intensive care unit/ emergency nursing
Alberta 8

Milieu clinique
Montréal 10

Neo-natal nursing
Alberta 8

Nursing
Alberta 3.6.8
Brandon 6
British Columbia 3.6
Calgary 3.6
Dalhousie 3.6.7
Lakehead 6
Laurentian 6
Lethbridge 6
Manitoba 3.6
McGill 3.6
McMaster 6
Memorial 3.6
New Brunswick 6
Ottawa 6
Queen's 6
Ryerson 6.7
St. Francis Xavier 6
Saskatchewan 3.6
Toronto 3.6
Victoria (BC) 6
Western 3.6
Windsor 6.7

Nursing communautaire
Ottawa 6
Québec, UQAT 8
Québec à Chicoutimi 8
Québec à Hull 8
Québec à Rimouski 8
Québec à Trois-Rivières 8

Nursing education
Western 3

Nursing service administration
Western 3

Obstetrical nursing
Alberta 8

Outpost and public health nursing
Dalhousie 7
Memorial 7

Psychiatric nursing
Memorial 7
Toronto 3

Public health nursing
Windsor 7

Santé communautaire
Montréal 1.3.5
Québec à Rimouski 8
Sherbrooke 9

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Santé mentale
Québec, UQAT 8

Sciences de la santé (nursing)
Moncton 8

Sciences infirmières
Laurentienne 6
Laval 6
Moncton 6
Montréal 3.6.10
Ottawa 6
Québec, UQAT 6
Québec à Chicoutimi 6
Québec à Hull 6
Québec à Rimouski 6
Québec à Trois-Rivières 6
Sherbrooke 6

Soins infirmiers cliniques
Québec, UQAT 8
Québec à Hull 8

Soins de santé mentale et nursing psychiatrique
Moncton 8

Optometry/Optométrie

Optique physiologique
Montréal 3

Optometric residency
Waterloo 5

Optométrie
Montréal 6

Optometry
Waterloo 3.6

Physiological optics
Waterloo 3

Period Studies/Grands courants

Archéologie classique
Laval 1.3.10

Civilisation ancienne
Laval 10

Classical and early Christian studies
Calgary 6

Classical history and civilisation
Calgary 6
Waterloo 6.10
Windsor 6

Classical studies
Bishop's 6
British Columbia 1.3.6
Brock 6
Carleton 3.6
Concordia 6.10
Guelph 6
McMaster 3.6
Manitoba 6
Ottawa 1.3.6
Toronto 1.3.6
Victoria (BC) 6
Waterloo 6
Western 3.6
Windsor 6
Winnipeg 6
York 6

Classics
Lakehead 6
McGill 1.3.6
McMaster 3
St. Thomas More 6
Saskatchewan 6
Toronto 6
Western 3.6

Eighteenth century studies
McMaster 6

Études anciennes
Laval 1.3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6

Études médiévales
Ottawa 6

Mediaeval and Renaissance studies
Manitoba 6

Mediaeval studies
British Columbia 6
Carleton 6
Ottawa 6
St. Michael's 1.4
Toronto 1.3.6
Waterloo 6

Roman studies
McMaster 1
Toronto 6

Sciences médiévales
Montréal 1.3

Victorian studies
York 3

Pharmacy/Pharmacie

Bionucleonics
Alberta 1.3
British Columbia 1.3

Biopharmaceutics
Alberta 1.3
British Columbia 1.3
Dalhousie 3

Chimie médicinale
Montréal 1.3

Clinical pharmacy
Alberta 1.3
British Columbia 3

Community pharmacy
British Columbia 6

Drug analysis
Alberta 1.3

Drug distribution
British Columbia 6

Drug metabolism
Alberta 1.3

Hospital pharmacy
Alberta 1.3
British Columbia 6
Dalhousie 3.6

Industrial pharmacy
British Columbia 6

Medicinal chemistry
Alberta 1.3

Neurochemistry
Alberta 1.3

Pharmaceutical chemistry
Alberta 1.3
British Columbia 1.3
Toronto 1.3

Pharmaceutical microbiology
Manitoba 3

Pharmaceutics
Alberta 1.3
British Columbia 1.3
Dalhousie 3

Pharmacie
Laval 1.3.6
Montréal 6

Pharmacie d'hôpital
Laval 8
Montréal 5

Pharmacodynamie biochimique
Montréal 1.3

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Pharmacognosie
Montréal 1.3

Pharmacognosy
Alberta 1.3
Dalhousie 3

Pharmacologie
Ottawa 1.3.5
Québec, Institut national de la recherche scientifique 3

Pharmacology
Alberta 1.3
British Columbia 1.3
Dalhousie 1.3
Guelph 1.3
McGill 1.3
Ottawa 1.3.5
Toronto 1.3.6
Western 1.3

Pharmacology and toxicology
Western 5

Pharmacy
Alberta 1.3.6
British Columbia 1.3.6
Dalhousie 1.3.6
Manitoba 3.6
Memorial 6
Saskatchewan 1.3.5.6
Toronto 1.3.6

Physical pharmacy
Alberta 1.3

Product development
British Columbia 6

Radiopharmacy
Alberta 1.3
British Columbia 1.3

Sciences pharmaceutiques
Montréal 1.3

Toxicologie
Montréal 5

Toxicology
Alberta 1.3
British Columbia 1.3
Guelph 1.3.6
Saskatchewan 1.3
Toronto 1.3.6

Toxicomanies (prévention et intervention)
Montréal 10

Philosophy/Philosophie

Aesthetics
British Columbia 1.3

Classical philosophy
Dalhousie 3.6
King's (NS) 6
Ottawa 1.3.6

Cognitive science
Simon Fraser 6
Toronto 6

Eastern philosophy
Brock 3.6

Epistemology
British Columbia 1.3

Ethics
British Columbia 1.3

Éthique
Montréal 10
Québec à Rimouski 3
Ottawa 1.3.6

Logic
British Columbia 1.3
Toronto 6

Logic and philosophy of science and technology
Toronto 3

Medicine, morality and the law
Toronto 6

Mediaeval philosophy
Dalhousie 6
King's (NS) 6
Manitoba 6
Ottawa 1.3.6
Queen's 6
St. Michael's 1.4
Toronto 1.2.3

Philosophie
Dominicain de philosophie 3.6.8
Laurentienne 6
Laval 1.3.6.9.10
Moncton 3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Montréal 1.3.6
Québec à Trois-Rivières 1.3.6
Saint-Boniface 6
Saint-Paul 1.4.6
Sherbrooke 3.6.9.10
Sudbury 6
York 6

Philosophy
Acadia 6
Alberta 1.3.6
Bishop's 6
Brandon 6
Brescia 6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.6
Campion 6
Cape Breton 6
Carleton 3.6
Concordia 3.5.6.10
Dalhousie 3.6
Guelph 1.3.6
Huron 6
King's (NS) 6
King's (Ont) 6
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 3.6
Memorial 3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 3.6
Ottawa 1.3.6
Prince Edward Island 6
Queen's 1.3.6
Redeemer 6
Regina 1.6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 3.6
St. Michael's 1.4.6
Saint Paul 1.4.6
St. Thomas 6
St. Thomas More 6
Saskatchewan 6
SIFC 6
Simon Fraser 3.6
Sudbury 6
Toronto 1.2.3.6
Trent 6
Trinity 6
Trinity Western 6
Victoria (BC) 3.6
Waterloo 1.2.3.6.10
Western 1.3.6
Wilfrid Laurier 6
Windsor 3.6
Winnipeg 6
York 1.3.6

Philosophy and biology
McMaster 6

Philosophy and linguistics
Toronto 6

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Philosophy and mathematics
McMaster 6

Philosophy applied to life sciences
Toronto 6

Philosophy of education
British Columbia 3
Concordia 3
McGill 3
OISE 1.3
Simon Fraser 3

Philosophy of language
British Columbia 1.3

Philosophy (legal specialization)
Western 1

Philosophy of mathematics
British Columbia 1.3

Philosophy of science
British Columbia 1.3
Toronto 1.3
Western 1.3

Philosophy and Religious Studies
Toronto 6

Philosophy and sociology
Toronto 6

Political philosophy
British Columbia 1.3
Concordia 6
Toronto 3.6

Science and human affairs
Concordia 6.10

Physical Education and Recreation/Éducation physique et récréation

Activité physique
Laval 1.3.6.10
Ottawa 6
Sherbrooke 6.10

Adapted human biodynamics
McMaster 3

Adapted movement studies
Brock 6

Administration des sports
Ottawa 3.6

Administration, éducation physique
Ottawa 3

Applied kinesiology
Windsor 6

Aquatics
British Columbia 6

Athletic studies
New Brunswick 3

Athletic training and conditioning
Alberta 6

Biomécanique
Ottawa 6

Biomechanics
Ottawa 6
Queen's 3
Waterloo 1.3.6

Child movement studies
Brock 6

Coaching
Alberta 6
British Columbia 6
Brock 6
Lakehead 3
McMaster 8
Ottawa 6
Toronto 6
Trinity Western 10
Western 3
Wilfrid Laurier 6
Windsor 6
York 6.8

Comportement psycho-moteur et performance
Ottawa 6

Éducation physique
Laurentienne 6
Laval 6
Moncton 6
Montréal 3.6
Ottawa 3.6

Entraînement sportif
Ottawa 6
Québec à Trois-Rivières 8

Exercise physiology
Queen's 3

Exercise rehabilitation
Ottawa 6

Exercise science
British Columbia 6
Concordia 6
Toronto 1.3.6

Fitness and health promotion
Alberta 6

Formation au plein air
Québec à Montréal 8

Gymnastics
British Columbia 6

Health science
Toronto 6

Health studies
Brock 6
Dalhousie 6
Simon Fraser 8
Waterloo 3.6

Heritage interpretation
Alberta 6

History of sport
Alberta 1.3

Human kinetics
Dalhousie 6
Guelph 3.6
Ottawa 3.6
Windsor 3.6

Human performance
Alberta 1.3
New Brunswick 3.6
Victoria (BC) 6

Kinanthropologie
Ottawa 3.6
Québec à Montréal 3
Sherbrooke 3

Kinanthropology
Ottawa 3.6

Kinesiology
Dalhousie 6
Laurentian 6
Simon Fraser 1.3.6
Toronto 6
Waterloo 1.3.6

Leisure Studies
Ottawa 6
Saskatchewan 6
Toronto 6

Leisure tourism and society
Calgary 6

Loisir, sciences du
Ottawa 6

Motor performance
Alberta 1.3

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
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9. Majeure ou diplôme 10. Mineure ou certificat

Outdoor recreation
Alberta 3.6
Calgary 6
Concordia 10
Lakehead 6
Waterloo 6

Physical activity
Ottawa 6

Physical activity and sport for children
Alberta 6

Physical activity leadership
Alberta 6

Physical activity studies (adapted physical education)
Alberta 6
Regina 6.8

Physical education
Acadia 6
Alberta 1.3.6
British Columbia 3.6
Brock 6
Calgary 6
Dalhousie 3.6
King's (Ont) 6
Lakehead 3.6
Laurentian 6
Lethbridge 6
McGill 3.6
McMaster 3.6
Manitoba 3.6
Memorial 3.6
New Brunswick 3.6
Ottawa 3.6
Queen's 6
Regina 6
St. Francis Xavier 6
Saskatchewan 3.5.6
Simon Fraser 10
Toronto 6
Trinity Western 6
Western 1.3.6
Wilfrid Laurier 6
Windsor 3.6
York 3.6

Physical education administration
New Brunswick 3
Ottawa 3

Physical education (adventure leadership)
Laurentian 6

Physical education (health promotion)
Laurentian 6

Physiology and psychology of stress
York 3

Physiology of exercise
Alberta 1.3
New Brunswick 3
Waterloo 3.6

Psychology of sport
Alberta 1.3
Waterloo 3.6

Psychology/Sociology of sport studies
Brock 6

Psycho-motor behavior and performance
Alberta 1.3
Ottawa 6
Waterloo 1.3.6

Récréation
Moncton 6
Ottawa 6

Recreation
Acadia 3.6
Alberta 6
Brock 6
Concordia 6
Dalhousie 6
New Brunswick 6
Ottawa 6
Waterloo 3.6

Recreation and leisure studies
Alberta 3
Brock 6
Concordia 6
Manitoba 6
Waterloo 3.6

Recreation for special populations
Alberta 6

Recreation management
Alberta 6
Ottawa 6

Récréologie
Ottawa 6
Québec à Trois-Rivières 6

Réhabilitation par l'exercice
Ottawa 6

Sciences de l'activité physique
Laval 1.3.6.10
Montréal 1.3
Ottawa 3.6
Québec à Chicoutimi 6.8
Québec à Trois-Rivières 3.6.8

Sciences de la santé (sport)
Québec à Trois-Rivières 3

Sociocultural
Alberta 1.3

Sociology of sport
Alberta 1.3
Queen's 3
Waterloo 3.6

Sport studies
Alberta 6
British Columbia 6
Toronto 6

Sports administration
Alberta 1.3.6
Concordia 5
Ottawa 3.6
Windsor 6

Physics/Physique

Aerospace physics
Toronto 1.3.6

Applied geophysics
Carleton 1.3
Dalhousie 1.3
McGill 3.5.6
Ottawa 1.3.6

Applied nuclear physics
Carleton 3

Applied physics
Laurentian 3
McMaster 6
New Brunswick 6
Ottawa 6
Waterloo 6
Windsor 6

Astronomie
Montréal 10

Astronomy
Campion 6
British Columbia 1.3.6
Laurentian 10
Luther 6
McMaster 1.3
Manitoba 6
Queen's 1.3.6
Regina 6
Saint Mary's 3.6
SIFC 6
Toronto 1.3.6

(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Astronomy concluded)
Victoria (BC) 1.3.6
Western 1.3.6
York 1.3

Astrophysics
Alberta 1.3
Calgary 6
McMaster 1.3

Atmosphere physics
Toronto 1
York 1.3

Biophysics
Alberta 1.3
Dalhousie 1.3
Guelph 1.3.6
McMaster 3
New Brunswick 1.3
Simon Fraser 1.3.6
Toronto 6
Western 1.3.6
Windsor 6

Biophysique
Québec à Trois-Rivières 3.6

Chemical physics
Calgary 6
Campion 6
Guelph 6
Luther 6
McMaster 1.3
Memorial 6
Queen's 1.3.6
Regina 6
Simon Fraser 1.3.6
Toronto 6
Waterloo 1.3.6
Windsor 6
York 3.6

Earth physics
McGill 6

Énergie
Québec à Montréal 8

Experimental physics
Carleton 3.6
Concordia 6
Toronto 1.3

Experimental space science
York 1.3

Fluid physics
Victoria (BC) 1.3

Geochronology
Carleton 3

Geophysics
Alberta 1.3.6
British Columbia 1.3.6
Calgary 1.3.6
Dalhousie 1.3
Manitoba 1.3
Memorial 1.3.6
Ottawa 6
St. Thomas More 6
Saskatchewan 1.3.5.6
Toronto 1.3.6
Victoria (BC) 1.3
Western 1.3.6

Géophysique
Ottawa 6

Géophysique appliquée
Montréal 3
Ottawa 6

Géotechnique
Montréal 3

Health and radiation physics
Carleton 1.3
McMaster 3.6

High energy physics
Carleton 1.3

Intermediate energy physics
Carleton 1.3

Laser physics
McMaster 1.3

Mathematics and physics
RMC 6
Toronto 6

Mathematics physics
Alberta 1.3.6
Carleton 1.3
Lakehead 6
Queen's 6
Simon Fraser 6
Toronto 6
Windsor 6

Mathématiques et physique
RMC 6

Medical physics
Carleton 3
McMaster 1.3

Medical radiation physics
McGill 3

Nuclear and particle physics
Ottawa 1.3

Nuclear magnetic resonance
Victoria (BC) 1.3

Nuclear physics
Alberta 1.3

Oceans and atmosphere, dynamics of
McGill 6

Physics
Acadia 6
Alberta 1.3.6
Bishop's 6
Brandon 6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.6
Campion 6
Carleton 1.3.6
Concordia 1.3.6.10
Dalhousie 1.3.6
Guelph 1.3.6
King's (NS) 6
Lakehead 3.6
Laurentian 3.6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 1.3.6
Mount Allison 6
New Brunswick 1.3.6
Ottawa 1.3.6
Prince Edward Island 6
Queen's 1.3.6
Regina 1.3.6
RMC 3
Royal Roads 6
St. Francis Xavier 3.6
Saint Mary's 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Trent 3.6
Victoria (BC) 1.3.6
Waterloo 1.3.6
Western 1.3.6
Wilfrid Laurier 6
Windsor 1.3.6
Winnipeg 6
York 1.3.6

Physics - geology
Concordia 6
Toronto 6

Physique de la matière condensée
Ottawa 1.3

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
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9. Majeure ou diplôme 10. Mineure ou certificat

Physique des particules
Ottawa 1.3

Physique
Laval 1.3.6.
Moncton 3.6
Montréal 1.3.6.9.10
Ottawa 1.3.6
Québec à Chicoutimi 6
Québec à Montréal 6
Québec à Rimouski 6
Québec à Trois-Rivières 3.6.8
RMC 3
Sherbrooke 1.3.6.9.10

Radiation and medical physics
Alberta 1.3

Reactor physics
McMaster 1.3

Sciences de la construction
Montréal 10

Sciences de l'énergie
Québec à Trois-Rivières 1.3
Québec, Institut national de la recherche scientifique 1.3

Scientific measurement (physics)
Concordia 10

Solid earth geophysics
McGill 6

Solid state physics
Alberta 1.3
McMaster 1.3
Ottawa 1.3

Spectroscopy
McMaster 1.3

Theoretical physics
Alberta 1.3
Carleton 3.6
Concordia 6
Dalhousie 1.3
Guelph 6
McMaster 1.3.6
Queen's 1.3.6
Toronto 1.3
Victoria (BC) 1.3

Political Science/ Sciences politiques

Analyse des politiques
Laval 3

Canadian American relations
Wilfrid Laurier 3

Canadian politics
Acadia 6
Alberta 1.3
Brock 3
Carleton 1.3.6
Dalhousie 3.6
King's (NS) 6
McMaster 3
Ottawa 3.6
Simon Fraser 3.6
Toronto 3.6
Windsor 6
York 1.6

Community politics and the law
Concordia 5

Comparative political studies
Alberta 1.3
Brock 3.6
Carleton 1.3
Dalhousie 3.6
King's (NS) 6
McMaster 3
Ottawa 6
Toronto 3.6
Winnipeg 6
York 1

Coopération
Ottawa 5
Sherbrooke 3

Développement international
Ottawa 5

Études militaires et stratégiques
RMC 6

Foreign policy
McMaster 3

German and political science
McMaster 6

International cooperation
Ottawa 5

International development
Guelph 6
Ottawa 5
Toronto 6

International development studies
Toronto 6

International politics
Alberta 1.3

International relations
British Columbia 1.3.6
Brock 6
Carleton 1.3.6
Dalhousie 3.6
King's (NS) 6
Ottawa 3.6
Toronto 1.2.6
Trinity 6
Windsor 6
Winnipeg 6
York 1

Judicial administration
Brock 3

Management et politique publics
Ottawa 6

Military and strategic studies
RMC 6
Royal Roads 6

Political administration
Wilfrid Laurier 3

Political behaviour and psychology
Alberta 1.3

Political economy
Bishop's 6
Toronto 1.2.3.6

Political and economic science
RMC 3.6

Political philosophy
Alberta 1.3

Political science
Acadia 3.6
Alberta 1.3.6
Bishop's 6
Brandon 6
British Columbia 1.3.6
Brock 3.6
Calgary 1.3.6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 3.5.6.10
Dalhousie 1.3.6
Guelph 3.6
King's (Ont) 6
King's (NS) 6
Lakehead 6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 3.6
Manitoba 3.6
Memorial 2.3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 3.6

(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Political science concluded)
Ottawa 3.6
Prince Edward Island 6
Queen's 1.3.6
Redeemer 6
Regina 3.6
St. Francis Xavier 6
Saint Mary's 6
St. Thomas 6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 6
Victoria (BC) 3.6
Waterloo 3.6.10
Western 1.3.6
Wilfrid Laurier 3.6
Windsor 3.6
Winnipeg 6

Political science (administration studies)
Waterloo 6

Political science and Canadian studies
McMaster 6

Political science and sociology
Toronto 6

Political sociology
Concordia 6

Political studies
St. Thomas More 6
Saskatchewan 3.5.6

Political theory
McMaster 3

Political theory and methodology
Carleton 1.3.6
Dalhousie 1.3.6
King's (NS) 6
York 1

Politics
RMC 6

Politics and Geography
RMC 6

Politique
RMC 6
Saint-Boniface 6

Politique et géographie
RMC 6

Public administration and political science
Brock 8
Toronto 6

Public policy
Manitoba 3.6

Public policy and administration
Concordia 3
Windsor 6.8

Public policy and public management
Ottawa 6

Russian and political science
McMaster 6

Sciences politiques
Laurentienne 6
Laval 1.3.6.9.10
Moncton 6
Montréal 1.3.6.9.10
Ottawa 3.6
Québec à Chicoutimi 6
Québec à Montréal 1.3.6
York 6

Sciences politiques et économique
RMC 6

Social and political thought
Ottawa 6
York 1.3.6

Urban politics
Alberta 1.3

Psychology/Psychologie

Adaptation scolaire et sociale
Québec à Montréal 8

Animal behavior
Carleton 1.3.6

Applied psychology
Bishop's 6
Concordia 1.3
Dalhousie 1.3.6
King's (NS) 6
New Brunswick 1.3
OISE 1.3
Ottawa 1
Saint Mary's 3.6
Saskatchewan 1.3
Waterloo 3

Behavioral science
Toronto 1.3

Behavioral studies
Campion 6
Luther 6
Regina 3.6
SIFC 6

Biopsychology
Waterloo 1.3

Child development
Laurentian 3
Mount Saint Vincent 6.8
OISE 1.3

Child psychology
Alberta 1.3
Campion 6
Luther 6
Ottawa 1
Regina 6
SIFC 6
Waterloo 6
York 6

Child study
Brock 6
Guelph 6
Mount Saint Vincent 6
Ottawa 1
Toronto 5

Clinical psychology
Acadia 3
Alberta 1.3
British Columbia 1.3
Lakehead 3
Lethbridge 6
Manitoba 1.2.3
Ottawa 1.3
Queen's 5
Regina 3
Saskatchewan 1.3
SIFC 6
Waterloo 1.3
Windsor 5
York 1

Connaissance de l'homme en société
Québec, Télé-université 8

Connaissance de l'homme et son milieu
Québec, Télé-université 8

Counsellor training
Acadia 3.6
Manitoba 3
Ottawa 1.3

Development studies
Winnipeg 6

Developmental psychology
Alberta 1.3
OISE 1.3
Waterloo 1.3
York 1

Enfance inadaptée
Ottawa 1.3
Québec à Chicoutimi 8
Québec à Trois-Rivières 8

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Experimental psychology
Bishop's 6
Campion 6
Carleton 1.3.6
Concordia 1.3
Lakehead 3
Luther 6
New Brunswick 3
Ottawa 1
Regina 6
Saskatchewan 1.3
SIFC 6
Victoria (BC) 1.3
York 1

Formation personnelle et sociale, enseignement de la
Québec à Montréal 8

Génagogie
Québec à Trois-Rivières 6

Intervention psycho-sociale
Québec à Montréal 8

Learning
Waterloo 1.3

Lifespan development and aging
Victoria (BC) 1.3

Neuropsychology
Carleton 1.3
Dalhousie 1.3
Victoria (BC) 1.3

Perception and cognition
Waterloo 1.3

Psychologie
Laurentienne 6
Laval 1.3.6.10
Moncton 3.6
Montréal 1.3.6.10
Ottawa 1.3.6
Québec, UQAT 8
Québec à Montréal 1.3.6
Québec à Trois-Rivières 3.6
Sainte-Anne 6
Saint-Boniface 6
Sherbrooke 6
York 6

Psychologie clinique de l'enfant
Ottawa 1

Psychologie des relations humaines
Sherbrooke 3.9.10

Psychology
Acadia 3.6
Alberta 1.3.6
Athabasca 6
Bishop's 6
Brandon 6
Brescia 6
British Columbia 1.3.6
Brock 6
Calgary 1.3.6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 1.3.6.10
Dalhousie 1.3.6
Guelph 3.6
Huron 6
King's (NS) 6
King's (Ont) 6
Lakehead 3.6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 1.3.6
Memorial 1.3.6
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 1.3.6
Ottawa 1.3.6
Queen's 1.3.6
Prince Edward Island 6
Redeemer 6
Regina 1.3.6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 3.6
St. Thomas 6
St. Thomas More 6
Saskatchewan 1.3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.3.6
Trent 6
Trinity Western 6
Victoria (BC) 1.3.6
Waterloo 1.3.6.10
Western 1.3.6
Wilfrid Laurier 3.6
Windsor 1.3.6
Winnipeg 6
York 1.3.6

Psychology (arts)
Alberta 6

Psychology/psychobiology
Concordia 6

Psychology (science)
Alberta 6
Waterloo 6

Psychosociologie de la communication
Québec à Montréal 6

Réadaptation sociale
Québec à Chicoutimi 8

Research psychology
McMaster 1.3

Sciences de la communication
Montréal 3.10

Social development studies
Waterloo 6.10

Social psychology
Alberta 1.3
Victoria (BC) 1
Waterloo 1.3
York 1

Social thought
Mount Allison 6

Regional Studies/Études régionales

Aménagement
Montréal 1.3

Aménagement du territoire et développement régional
Laval 3

Développement régional
Québec à Rimouski 3.5

Études appliquées en urbanisme
Québec à Montréal 8

Études régionales
Québec à Chicoutimi 3

Regional and community planning
British Columbia 1.3

Regional and community studies
Brandon 6
New Brunswick 9

Regional and urban development
St. Thomas More 6
Saskatchewan 6

Regional planning
Guelph 3
Waterloo 1.3.6

Regional studies
McMaster 1.3

Rural and resource studies
Carleton 3

Survey science
Alberta 6

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Urban and regional planning
Calgary 3
New Brunswick 10
Queen's 3
Ryerson 6
Saskatchewan 6
Toronto 3
Waterloo 1.3.6

Urban and regional studies
Alberta 6

Urban and rural planning
Technical University 3

Urban development
Western 6

Urban planning
Manitoba 3
McGill 3
Waterloo 1.3.6

Urban studies
Brock 6.8
Carleton 6
Concordia 6.10
McMaster 1.3
New Brunswick 6
Toronto 6
Wilfrid Laurier 6
Windsor 6
Winnipeg 6
York 6

Urbanisme
Montréal 3.6
Québec à Montréal 6

Rehabilitation Medicine/Réadaptation

Ergothérapie
Laval 6
Montréal 6
Ottawa 6

Health science (rehabilitation)
McGill 3

Médecine de réadaptation
Ottawa 5

Occupational therapy
Alberta 6
British Columbia 6
Dalhousie 6
McGill 6
McMaster 6
Manitoba 6.7
Ottawa 6
Queen's 6
Toronto 6
Western 6

Occupational therapy, teaching of
Queen's 6

Orthophonie et audiologie
Montréal 3.6

Physical therapy
McGill 6

Physiothérapie
Laval 6
Montréal 6
Ottawa 6

Physiotherapy
Alberta 3.6
British Columbia 6
Dalhousie 6
McMaster 6
Manitoba 3.6
Ottawa 6
Queen's 6
Saskatchewan 6
Toronto 6
Western 3.6

Rehabilitation medicine
British Columbia 6
Dalhousie 5
McMaster 5
Ottawa 5
Saskatchewan 3.5
Toronto 5

Speech pathology and audiology
Alberta 6
British Columbia 3
Dalhousie 3
McGill 3
Western 3.6

Religious Studies/Études religieuses

Asian religion and philosophy
McMaster 1.3
Toronto 6

Biblical studies
British Columbia 3
McMaster 1.3
Wilfrid Laurier 3.6
Trinity Western 6

Buddhism
British Columbia 1.3.6

Canon law
St. Michael's 1.4
Saint Paul 1.3.4.6

Catéchèse
Laval 6
Montréal 9.10
Sudbury 8

Catholic studies
St. Jerome's 10
Toronto 6

Christian philosophy
Toronto 6

Christian thought and institutions
British Columbia 3

Christian worship
St. Michael's 1.4

Christianity and culture
St. Michael's 6
Toronto 6
Trinity Western 6

Clinical pastoral education
Acadia 3
Saint Paul 3.5

Comparative religious studies
Carleton 3.6

Counselling matrimonial
Saint-Paul 3.5

Counselling pastoral
Saint-Paul 3.5

Culture religieuse
Sherbrooke 10

Divinity
Acadia 3
Huron 3.6
King's (Ont) 3
McMaster 3
Queen's 3
St. John's 3.6
St. Michael's 3
Trinity 6.7
Wilfrid Laurier 3
Winnipeg 3

Droit canonique
Saint-Paul 1.3.4.6

Éducation morale
Laval 10
Québec à Hull 8
Québec à Montréal 8
Québec à Rimouski 8

Études bibliques
Montréal 1.3.9.10

Études pastorales
Dominicain de philosophie 6.8
Montréal 1.3.10
Saint-Paul 3.5

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Études théologiques
Montréal 10

Family studies
British Columbia 3
Guelph 1.3.6
McGill 5
Saint Paul 3.5

Histoire des religions
Ottawa 6

History and philosophy of religion
Concordia 3

Islamic studies
British Columbia 3
McGill 1.3

Judaic studies
British Columbia 3
Concordia 3.6.10
York 6

Judaism
St. Thomas More 6
Toronto 6

Marital counselling
Saint Paul 3.5

Mission studies
Saint Paul 3.7

Missions
Trinity Western 6

Myth and religion
Toronto 6

Near Eastern and Judaic studies
Manitoba 6

Pastoral care in health care services
Saint Paul 3.5

Pastoral counselling
Acadia 3
Saint Paul 3.5

Pastoral ministry
St. John's 6
Saint Paul 3.5

Pastoral studies
Saint Paul 3.5

Pastoral theology
Saint Paul 3.5
Winnipeg 3

Pastorale
Dominicain de philosophie 3.8
Saint-Paul 3.5
Sherbrooke 3

Pastorale familiale
Saint-Paul 3.5

Personality and religion
Waterloo 10

Religiologie
Québec à Montréal 6

Religion
Acadia 6
Alberta 6
Bishop's 3.6
Brandon 6
Carleton 3.6
Concordia 1.3.5.6.10
Dalhousie 6
King's (NS) 6
Lethbridge 6
Luther 6
Manitoba 3.6
Mount Allison 6
Mount Saint Vincent 6
Prince Edward Island 6
Queen's 6
Redeemer 6
Saint-Boniface 6
St. John's 3.6
Saint Mary's 6
St. Michael's 3.6
SIFC 6
Sudbury 6
Trinity 6
Wilfrid Laurier 3.6
Windsor 3.6.8
Winnipeg 3.6
York 6

Religion and culture
McGill 1.3
Wilfrid Laurier 3.6

Religion and social sciences
McMaster 1.3

Religions of South and East Asia
British Columbia 3

Religious education
McMaster 3

Religious studies
British Columbia 1.3.6
Brescia 6
Brock 6
Calgary 3.6
Campion 6
King's (Ont) 6
Lakehead 6
Laurentian 6
McGill 1.3.6
McMaster 1.3.6
Memorial 3.6
Ottawa 1.3.6
Regina 6
St. Jerome's 6
St. Thomas 6
St. Thomas More 6
Saskatchewan 6
SIFC 6
Sudbury 6
Toronto 1.3.6
Trinity Western 6
Waterloo 6.10
Windsor 3.6.8
Winnipeg 3.6

Sacred theology
McGill 3
Winnipeg 3

Sciences de la religion
Montréal 1.9.10

Sciences humaines de la religion
Laval 3.10
Sherbrooke 3

Sciences missionnaires
Saint-Paul 3.7

Sciences religieuses
Laurentienne 6
Moncton 10
Montréal 10
Ottawa 1.3.6
Québec à Chicoutimi 8
Québec à Montréal 3
Québec à Rimouski 8
Québec à Trois-Rivières 8
Sudbury 6

South Asian Religion and Philosophy
Toronto 6

Théologie
Dominicain de philosophie 1.3.4.8
Laval 1.3.6.8.9.10
Montréal 1.3.6.9
Québec à Chicoutimi 3.6
Québec à Rimouski 6
Québec à Trois-Rivières 3.6
Saint-Paul 1.3.4.6.7
Sherbrooke 3.6.9.10

Théologie pastorale
Dominicain de philosophie 3.6.8
Saint-Paul 3.5

Theology
Acadia 3.6
Bishop's 3

(continued)

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

(Theology concluded)
Cape Breton 6
Concordia 5.6.10
Huron 6
McMaster 8
Queen's 3.6.7
Redeemer 6
St. Francis Xavier 6
St. John's 6
St. Michael's 1.3.4.6
Saint Paul 1.3.4.6.7
Trinity 1.3.4
Victoria (Ont.) 1.3.6
Wilfrid Laurier 3.5
Winnipeg 3

Vernacular literature
St. Michael's 1.4

Western religious traditions
McMaster 1.3

Secretarial Science/ Sciences du secrétariat

Administrative office management studies
Brescia 6
Western 6

Business education
British Columbia 6
Mount Saint Vincent 6
New Brunswick 6
Ottawa 8
Regina 6

Executive secretarial and administrative studies
McMaster 8
Mount Saint Vincent 9

Executive secretarial studies
Mount Saint Vincent 7

Legal secretarial science
Mount Saint Vincent 7

Medical records science
Mount Saint Vincent 7

Office and administrative studies
Ryerson 6.7

Sciences du secrétariat
Sainte-Anne 7

Sciences du secrétariat (bilingue)
Moncton 8
Sainte-Anne 7

Secretarial and administrative studies
Mount Saint Vincent 6.9

Secretarial science
Acadia 6.7
Mount Allison 8
St. Francis Xavier 6.7

Secretarial science technology
Cape Breton 7

Social Work/Service social

Action communautaire
Montréal 9

Addiction studies
McMaster 8

Alcoolisme et autres toxicomanies
Moncton 8

Applied social science
Concordia 6

Child care
Victoria (BC) 6

Community service
Concordia 10

Family life education
Concordia 10

Gérontologie
Laval 10
Moncton 8.10
Montréal 10
Québec, UQAT 8
Québec à Chicoutimi 8
Québec à Hull 8
Québec à Trois-Rivières 8
Sherbrooke 10

Géronto-thanatologie
Québec à Hull 5

Gerontology
McMaster 6
Mount Saint Vincent 8
Simon Fraser 7
Toronto 5
Waterloo 10

Human justice
Regina 6.8

Human services
McMaster 8

Indian social work
Regina 6.8
SIFC 6.7

Service social
Laurentienne 6
Laval 3.6.10
Moncton 6
Montréal 1.3.6
Québec, UQAT 8
Québec à Hull 8
Québec à Montréal 6
Québec à Rimouski 8
Sherbrooke 3.6.10

Social development studies
Waterloo 6.10

Social welfare
Concordia 6
McMaster 8

Social welfare policy
McMaster 3

Social work
British Columbia 3.6
Calgary 3.6
Carleton 3
Dalhousie 3.6
King's (Ont) 6
Lakehead 3.6
Laurentian 6
Luther 6
McGill 1.3.5.6
McMaster 6
Manitoba 3.6
Memorial 3.6
Redeemer 6
Regina 3.6.8
Ryerson 6.7
St. Thomas 6.8
Toronto 1.3
Victoria (BC) 6
Wilfrid Laurier 3
Windsor 3.6
York 3.6

Travail social
Québec, UQAT 6.8
Québec à Chicoutimi 8
Québec à Hull 6.8
Québec à Montréal 6
Québec à Rimouski 6.8

Sociology/Sociologie

Animation-programme en langue française
Montréal 10
Québec, UQAT 8
Québec à Chicoutimi 8
Québec à Hull 8
Sainte-Anne 8
Saint-Paul 8

Explication des numéros
1. Doctorat 2. Maîtrise en philosophie 3. Maîtrise 4. Licence 5. Diplôme d'études supérieures
6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
9. Majeure ou diplôme 10. Mineure ou certificat

Animation culturelle
Québec à Montréal 6.8

Animation de la vie étudiante
Montréal 10

Animation des petits groupes
Québec à Rimouski 8

Behavioral studies
Campion 6
Luther 6
Queen's 6
Regina 3.6

Class, status and power
McMaster 1

Community development
Toronto 6

Culture change
Queen's 6

Démographie
Montréal 1.3.10

Ethnic relations
Ottawa 3

Étude des femmes
Ottawa 6

Individual and society
McMaster 1

Insertion sociale et professionnelle des jeunes
Québec à Montréal 8

Leisure studies
Dalhousie 6
Ottawa 6
Victoria (BC) 6

Loisirs
Moncton 6
Montréal 10
Ottawa 6

Méthodes de recherche sociale
Laval 10

Occupations and society
McMaster 1

Political sociology
Concordia 6
Ottawa 6

Population and society
Toronto 6

Relations ethniques
Ottawa 3

Sciences du loisir
Québec à Trois-Rivières 3

Sciences sociales
Moncton 6
Québec à Chicoutimi 6
Québec à Hull 6
Québec à Montréal 8

Social demography
Carleton 1.3
Western 1

Social development studies
Waterloo 6.10

Social leadership
St. Francis Xavier 7

Social sciences
Trinity Western 6

Society, technology and values
Waterloo 10

Sociologie
Laurentienne 6
Laval 1.3.6.9.10
Moncton 3.6
Montréal 1.3.6.9.10
Ottawa 3.6
Québec à Montréal 3.6
Québec à Rimouski 6
Sainte-Anne 6
Saint-Boniface 6
York 6

Sociologie du développement
Ottawa 3

Sociology
Acadia 3.6
Alberta 1.3.6
Athabasca 6
Bishop's 6
Brandon 6
Brescia 6
British Columbia 1.3.6
Brock 6
Calgary 1.3.6
Campion 6
Cape Breton 6
Carleton 1.3.6
Concordia 3.6.10
Dalhousie 3.6
Guelph 3.6
King's (NS) 6
King's (Ont) 6
Lakehead 3.6
Laurentian 6
Lethbridge 6
Luther 6
McGill 1.3.6
McMaster 1.3.6
Manitoba 3.6
Memorial 2.3.6
Moncton 8
Mount Allison 6
Mount Saint Vincent 6
New Brunswick 1.3.6
Ottawa 3.6
Prince Edward Island 6
Queen's 6
Regina 3.6
St. Francis Xavier 6
St. Jerome's 6
Saint Mary's 6
St. Thomas 6
St. Thomas More 6
Saskatchewan 3.5.6
SIFC 6
Simon Fraser 1.3.6
Toronto 1.2.3.6
Trent 6
Trinity Western 10
Victoria (BC) 3.6
Waterloo 1.3.6.10
Western 3.6
Wilfrid Laurier 6
Windsor 3.6
Winnipeg 6
York 1.3.6

Sociology of development
Ottawa 3

Women's studies
Bishop's 9
Calgary 6
Carleton 6
Concordia 6.10
Guelph 6
Laurentian 10
Memorial 10
Mount Saint Vincent 6
Ottawa 6
Toronto 6
Waterloo 10
Windsor 8
York 6

Theatre/Théâtre

Acting
Alberta 6
Ryerson 7

Art dramatique
Ottawa 6
Moncton 6
Québec à Montréal 3.6

Key
1. Doctorate 2. Master of philosophy 3. Master 4. Licence 5. Graduate diploma 6. Bachelor and first professional degree 7. Undergraduate diploma or certificate 8. Special certificate 9. Major or diploma 10. Minor or certificate

Costume studies
Dalhousie 7.8

Creative drama and theatre arts
Concordia 10

Design and Production
Victoria (BC) 3.6

Directing and production
Alberta 3
British Columbia 3
Ottawa 6
Victoria (BC) 3.6

Drama
Alberta 3.6
Bishop's 6
Brandon 10
British Columbia 6
Brock 6
Calgary 3.6
Campion 6
Dalhousie 6
Guelph 6
Lethbridge 6
Luther 6
McMaster 6
Manitoba 3
Memorial 10
Mount Allison 6
New Brunswick 6
Ottawa 6
Queen's 6
Regina 6
St. Thomas More 6
Saskatchewan 3.5.6
SIFC 6
Toronto 1.2.3.6
Trinity Western 10
Victoria (BC) 6
Waterloo 6.10
Western 6
Windsor 6
Winnipeg 6
York 3.6

Dramatic literature
Alberta 3
Toronto 6

Dramatic theory and criticism
Alberta 3

Dramaturgy
Alberta 3

Études théâtrales
Laval 10
Montréal 10
Ottawa 6

Mise en scène
Ottawa 6

Production and management
Victoria (BC) 6

Technical/production
Ryerson 7

Technical theatre and design
British Columbia 6
Simon Fraser 6.10

Théâtre
Ottawa 6
Québec à Chicoutimi 8

Theatre arts
Alberta 3.6
British Columbia 1.3.6
Brock 6
Concordia 6.10
Dalhousie 6
Laurentian 6
Ottawa 6
Simon Fraser 6.10
Waterloo 6.10
Windsor 6
York 3.6

Theatre design
Alberta 3.6
Victoria (BC) 3.6

Theatre history
Alberta 3
Victoria (BC) 1.3.6

Theatre in education
Victoria (BC) 3.6

Theatre performance
Concordia 6
Simon Fraser 6.10
Waterloo 6
Windsor 6
York 3.6

Theatre production
Simon Fraser 6.10
Waterloo 6
York 3.6

Theatre scenography
Concordia 6

Veterinary Medicine/ Médecine vétérinaire

Anatomie et physiologie vétérinaires
Montréal 3

Anatomy
Saskatchewan 1.3.5

Anesthesiology, radiology and surgery
Saskatchewan 1.3.5

Biological immunology
Guelph 1.3.5

Biomedical sciences
Guelph 1.3

Clinical studies
Guelph 3.5

Diagnostique-en laboratoire
Montréal 5

Herd medicine and theriogenology
Saskatchewan 1.3.5

Histology
Guelph 1.3

Internal medicine
Saskatchewan 1.3.5

Internat de perfectionnement en sciences appliquées vétérinaires
Montréal 5

Médecine bovine
Montréal 5

Médecine des petits animaux
Montréal 5

Médecine équine
Montréal 5

Médecine vétérinaire
Montréal 6

Médecine vétérinaire préventive
Montréal 5

Microbiology
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McGill 1.3
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Obstétrique et reproduction
Montréal 5

Parasitology
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Pathologie aviaire
Montréal 5

Pathologie et microbiologie vétérinaires
Montréal 3

Explication des numéros
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6. Baccalauréat et premier diplôme professionnel 7. Diplôme d'études de 1er cycle 8. Certificat spécial
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Toxicologie
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